REPORT OF THE 336th CELL EXCHANGE

OCTOBER 8, 2008

B-Cell Line	**413-414**
Serum	**969-972**
DNA Extract	**429-432**
Cells	**1341-1344**

B-cell line Exchange

We wish to express our appreciation to **Helen Bass, Jane Rowlands, and Christopher Darke, Welsh Blood Service, Pontyclun,** and **Eric Mickelson and John Hansen, Fred Hutchinson Cancer Research Center, Seattle,** for their generous offers of many interesting cells to type in our exchange studies.

TER-413. This cell was the first DRB1*1504 typed in the Exchange, typed as TER-311 in 2002, as correctly noted by Ball, Hahn, Lefor, Mah, Pidwell, and Stamm. B*1504 differs from DRB1*1502 at codon 67 (ATC→TTC), resulting in a change of I→F.

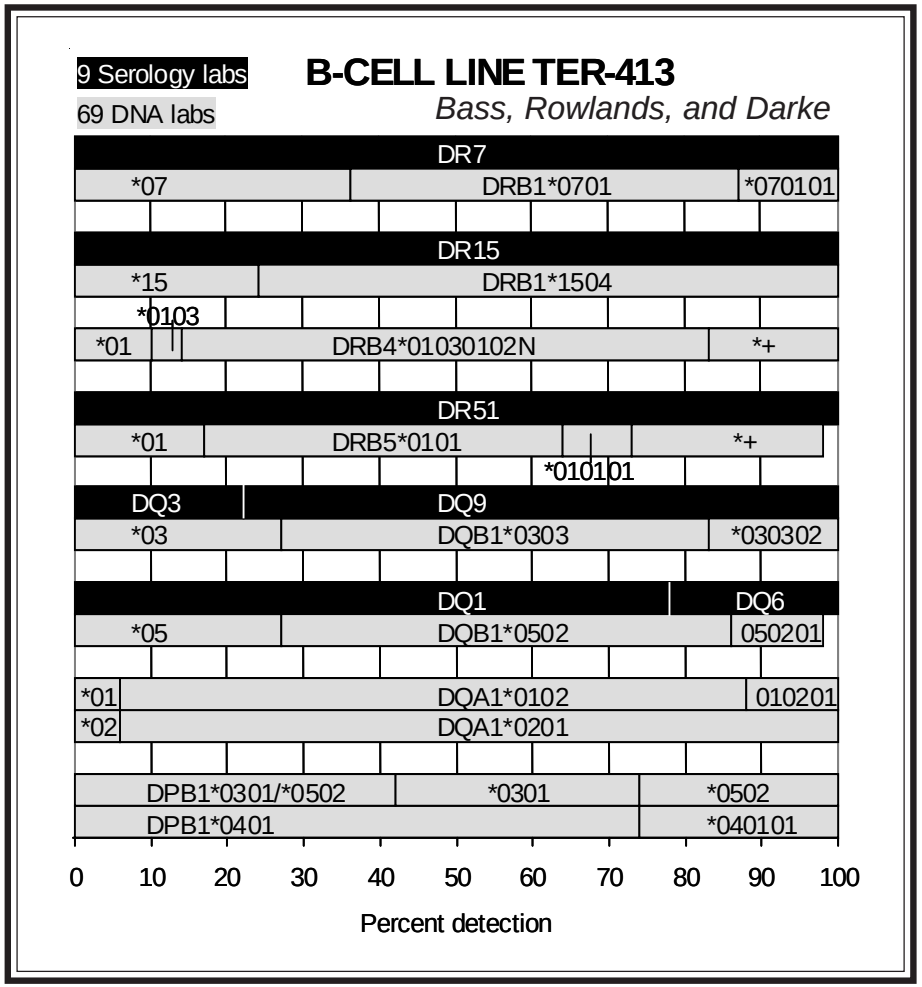
In this present retyping, DRB1*1504 was detected by 76%. In the 2002 typing, 62% reported DRB1*1504. This same allele has been studied in 2 other cells, including TER-347 and TER-390 (also TER-339).

DR15 was assigned by 100%.

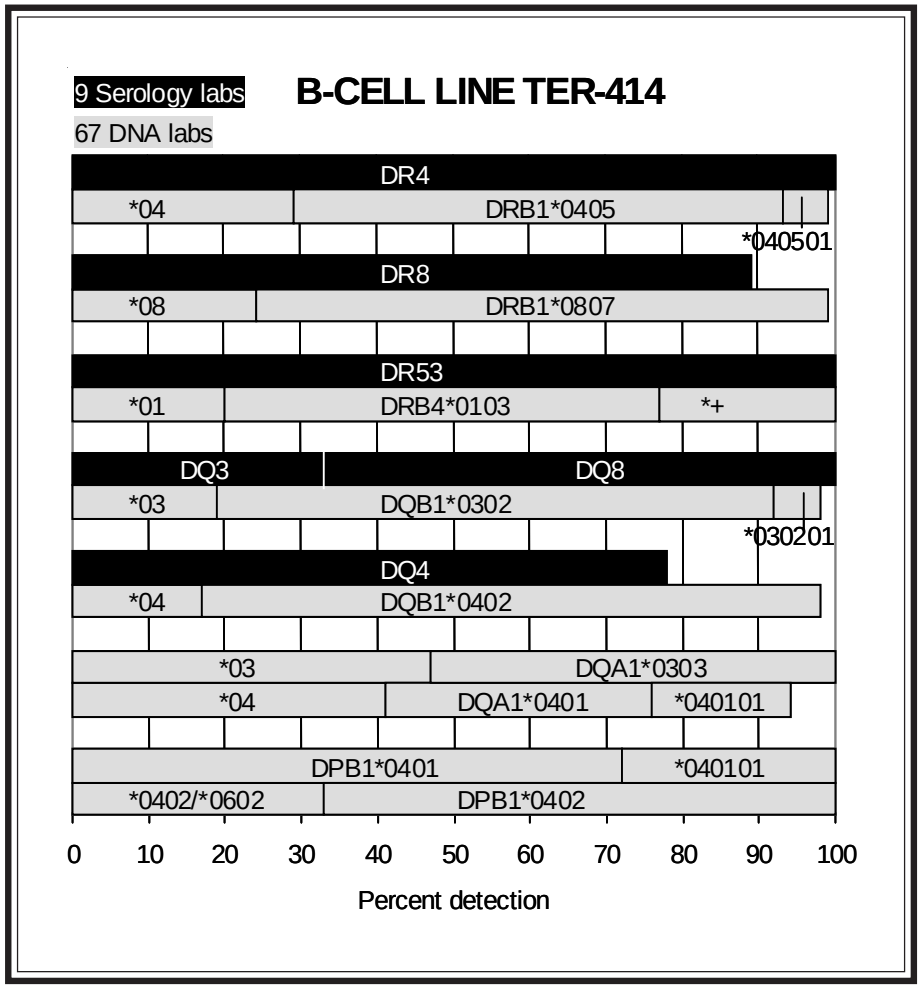
The probable associations in this cell were DRB1*1504-DRB5*0101-DQB1*0502-DQA1*0102 and DRB1*0701-DRB4*01030102N-DQB1*0303 (*030302)-DQA1*0201

In the previous typing, DPB1*0301 and DPB1*0401 were assigned in complete consensus. There was no question regarding the presence of DPB1*0401 (*040101) in this present retyping. However, for the second high-resolution DPB1 type, results submitted by 19 labs were inconclusive, with assignments of DPB1*0301/*0502 (42%), DPB1*0301 (32%), and DPB1*0502 (26%). DPB1*0502 was assigned by Adams, Land, Reinsmoen, Tilanus, and Turner, and 8 other labs (Ball, Darke, Dormoy, Ellis, J.Fischer, Hartzman and Hurley, Lefor, Pidwell) reported DPB1*0301/*0502. Six hypervariable regions (HVRs) in exon 2 are mainly responsible for DPB1 allelic polymorphism; DPB1*0502 is one of several DPB1 alleles which have exon 2 sequences identical to other alleles, but have unique polymorphisms in extended regions (exons 1, 2, 4, 5). According to Reinders et al. (1), "DPB1*0502 has an exon 2 sequence identical to DPB1*030101, but differs by one nucleotide in exon 4 resulting in a non-synonymous substitution."

In the previous typing, DPA*01 was assigned by Costeas and Darke, with DPA1*0103 reported by Costeas.



TER- 414. This cell was R.G, also known as FH41 and TER323, one of the reference cells for DRB1*0807, as correctly identified by Ball. It was typed in the workshops as IHW#9429, and was previously typed in the Cell Exchange as TER-323 (2003), as identified by Ball, Hahn, Lefor, Pidwell, and Stamm. This same cell was also studied in the International HLA DNA Exchange as DNA#508 (2006), as identified by Mah. Although no ethnic information was provided in the workshop data for this cell, the IMGT/HLA Database listed R.G as "Caucasoid-Brazil, South America."



In this present retyping, the rare DRB1*0807 was detected by 75%, an increase over the 65% level in 2003. DRB1*0807 has only one nucleotide difference from DRB1*080201, at codon 57 (GAT→GTT), resulting in Asp→Val (D→V). When typed as DNA#508, DRB1*0807 was reported by 97%. This cell remains the sole DRB1*0807 typed in the Cell Exchange.

DR8 was assigned by 89%.

DRB1*0405 was reported by 70%; DR4 was assigned in complete consensus.

The probable associations were DRB1*0405-DRB4*0103-DQB1*0302-DQA1*0303 and DRB1*0807-DQB1*0402-DQA1*0401. DRB1*0405 is usually found in association with DQB1*0302 in Blacks or with DQB1*0401 predominantly in Asian populations. In early workshops, the DR405-DQ4 association observed in Asians was known as "DHO" by HLA-D (Dw) cellular typing. The same DRB1*0405 haplotype found in this donor was also typed in TER-233 (Black), TER-234, TER-266 (also TER-239) (Black), and TER-280 (Hispanic). DRB1*0405-DQB1*0401 was detected in TER-106, TER-149 (also TER-38 and TER-125) (Japn), TER-209, and TER-384 (also TER-334) (Chin).

In the previous 2003 typing, DRB4*01030101 was confirmed by van den Berg-Loonen, based upon SBT results of exons 2 and 3, and part of intron 1.

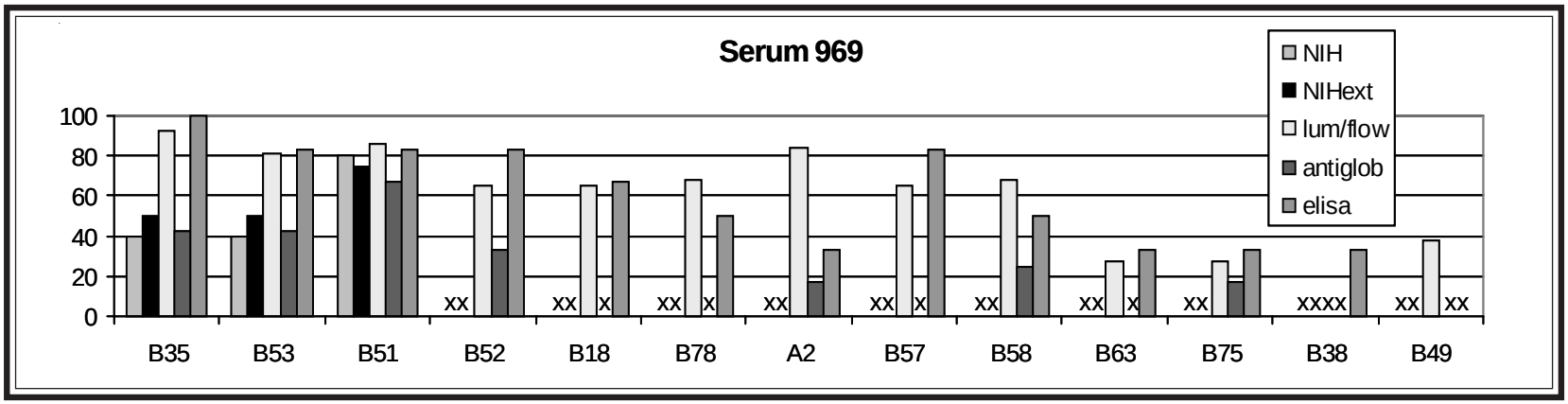
DPB1*0401 (100%) and DPB1*0402 (67%) were the DPB1 types. DPB1*0402/*0602 was reported by 33%. DPB1*2301 and DPB1*5101 were other possible DPB1 types, as offered by J.Lee, Lefor, and Pidwell. According to Mack and Erlich (2), in describing class II polymorphism in the Ticuna population in Brazil, "The DPB1 alleles *0401, *0402 and *1401 constituted 76% of the observed Ticuna DPB1 alleles (f=0.166, 0.427 and 0.166 respectively)."

DPA1*0103 was assigned by 5 of 6 labs when this cell was typed in the DNA Exchange. In the previous 2003 typing, Costeas reported DPA1*0103 and DPA1*0103/07 was reported by Darke.

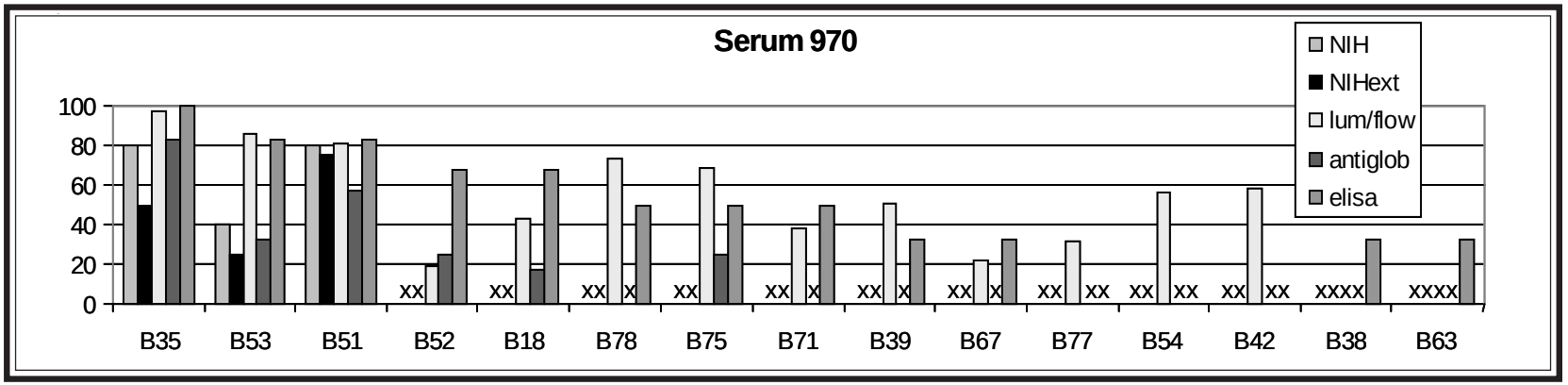
High-resolution results in the 2006 DNA Exchange study confirmed the class I typing as: A*0205, A*3101, B*3504, B*4901, Cw*0401, Cw*0701.

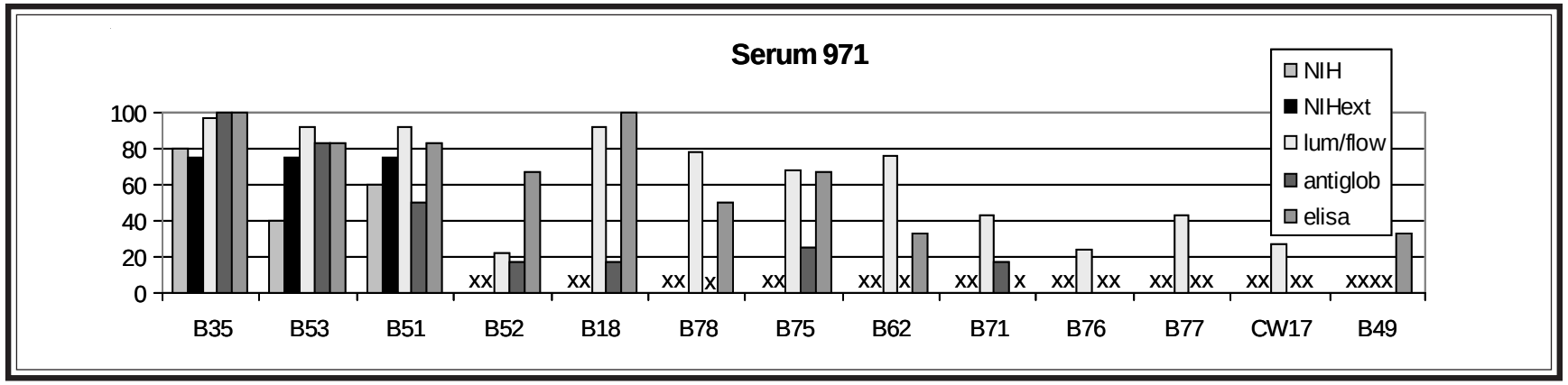
Serum Exchange

This month's study (**sera 969-972**) included 4 antisera reactive to B5 complex (B35, B53, B5, B18, B15, B70) specificities. By all methods, all four samples were positive to B35, B53, and B51, and in varying degrees, to other "4c" specificities. These specificities share valine at codon 194 in the alpha 3 domain.

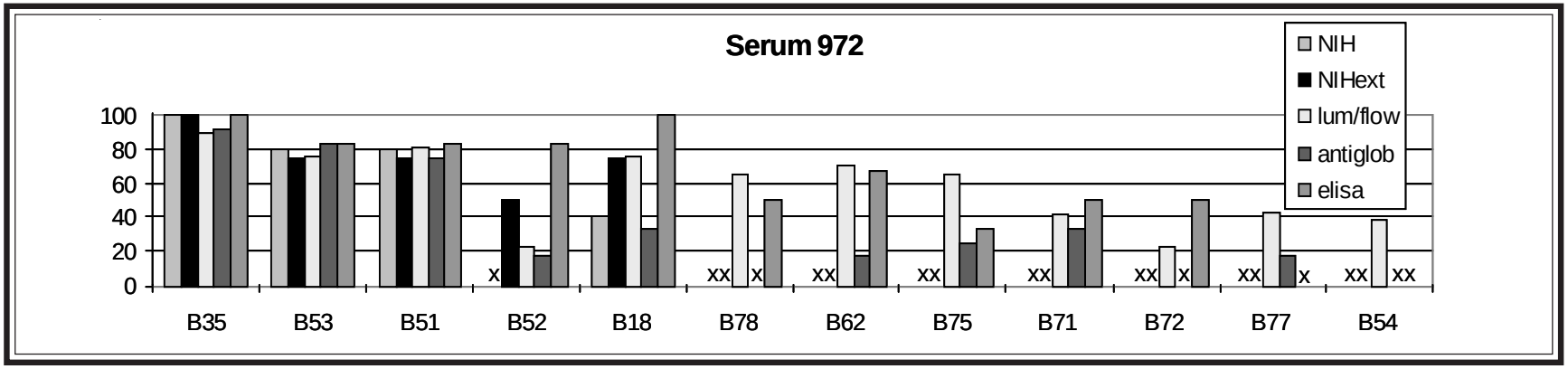


Serum 969 was also reported to be positive to B52, B18 B78, B15, B17, and A2 by Luminex, flow, and ELISA labs. B52, B58, and A2 were reported by antiglobulin. Similar 5C-A2 reactivity patterns were detected in previous sera 898 (also serum 734) and 900 (also sera 824 and 873).





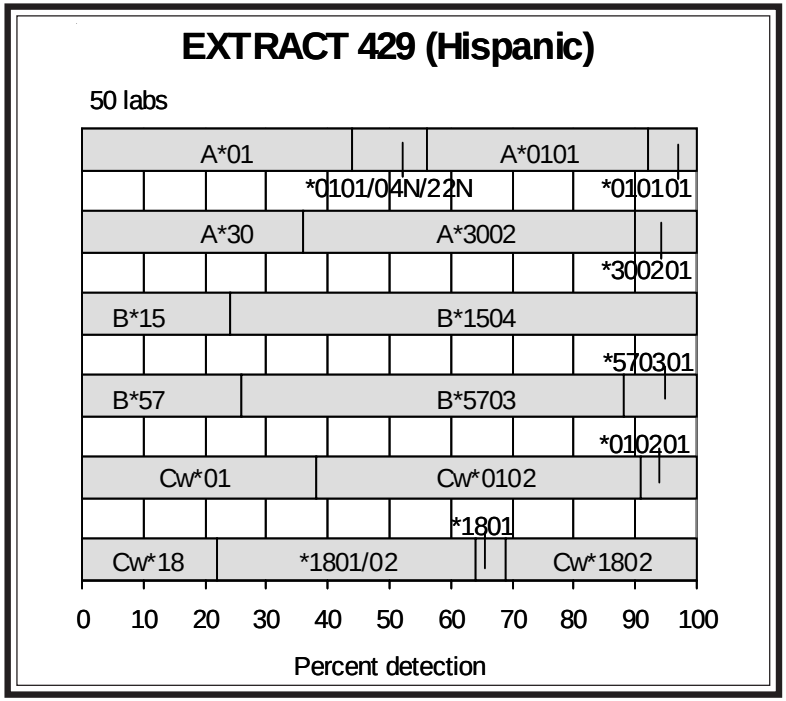
The other 3 sera in the study, **sera 970-972,** demonstrated similar reactivity patterns with each other, being also positive to B52, B18, B78, B15, and B70 specificities, but no A2-B17 reactivity, by labs using more sensitive screening methods. Serum 972 was determined to be reactive to B18 by all methods. Similar reactivity was observed in previous sera 748, 797, 798, and 823.

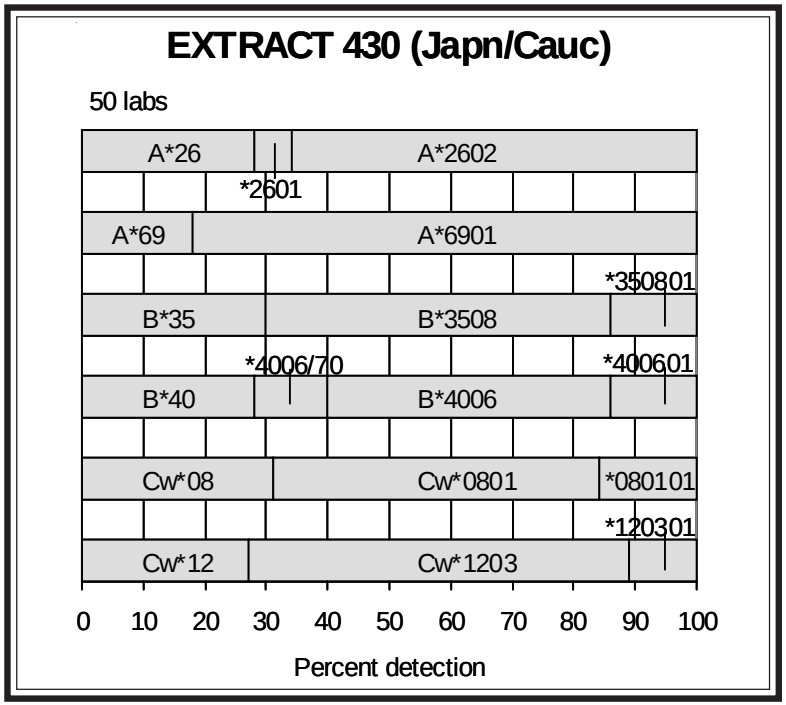


Extract Exchange

We wish to acknowledge the generous collaboration of the **HLA Laboratory, Ochsner Health System, New Orleans,** for providing RB22, the reference cell for B*3504 and B*8201, and **Eric Mickelson and John Hansen, Fred Hutchinson Cancer Research Center, Seattle**, for providing 13W9502, the reference B*3925N cell.

All 4 cells in this month's study were previously typed in the Cell Exchange, as correctly identified by Ball, Barnardo, and Moses and Dunckley. We also commend them and Brown, McIntyre, Montague, and Stamm for noting that extracts 431 and 432 were reference cells previously typed in the Extract Exchange.





Extracts 429. This Hispanic donor was previously typed as cell 1318 (2007).

The rare B*1504 was detected by 76%, comparable to the detection level of 87% in the initial 2007 typing. When typed as cell 1318, results from 83 labs indicated that the serologic expression was B62 (90%). GRC-138 (IHW#9365), a reference B*1504 cell from a South American Indian donor, was the one other B*1504 typed in the Cell Exchange, as extracts 130 (2000), 239 (2003), and 362 (2006).

B*5703 (74%) was the second B-locus allele.

Cw*0102 (62%) and Cw*1802 (31%) were the C-locus types.

The likely associations in this cell were B*1504-Cw*0102 and B*5703-Cw*1802. B*5703-Cw*1802 was present in cells 1083 and 1144, and B*5703-Cw*18 was found in cell 1201, all from Black donors. The same A*3002-B*5703-Cw*1802 haplotype present in this cell was also detected in cell 1083.

Extract 430. This donor of mixed Japanese and Caucasian ethnicity was previously typed as cell 1247 (2005), and was the first A*2602 to be typed in the Cell Exchange. In the 2005 typing, serology labs assigned A26 (91%), confirmed as A*2602 by 60%. Ishikawa et al. (3) confirmed that A*2602 encoded the A26.1 variant discussed in past workshops. In 2006, another exchange cell, cell 1259 from a Korean individual, was determined to have A*2602 (56%), and was retyped as cell 1309 (2007), with A*2602 reported by 61%.

In this present retyping, A*2602 was assigned by 66%. A*2601 was misassigned by 6%.

A*6901 was well typed, by 82%.

The B-locus alleles were B*3508 (70%) and B*4006 (60%).

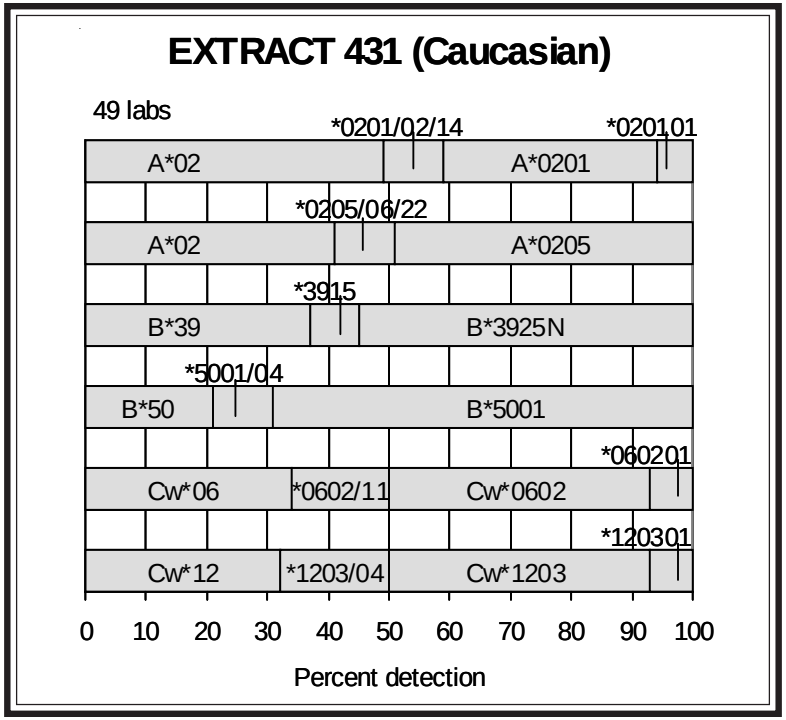
Cw*0801 (69%) and Cw*1203 (73%) were the C-locus types.

The probable haplotypes were A*2602-B*4006-Cw*0801 and A*6901-B*3508-Cw*1203. LKT14, one of the 3 reference A*2602 cells from Japanese donors, had the same A*2602-B*4006-Cw*0801 haplotype and another reference cell, Y.I., was typed as A2602-B61. It was somewhat unexpected to find the B*3508-Cw*1203 association. B*3508 is more commonly found in association with Cw*0401, as found with previous exchange cells 1036 (Hisp), 1040 (Cauc), and 1306 (Cauc), and extract 106 (Cauc).

Extract 431. This cell from a Caucasian donor was 13W9502, the reference B*3925N cell and was typed in recent workshops as IHW#9502. It was previously typed as extracts 226 (2002) and 303 (2004).

The following table shows the improved detection for B*3925N over the 6-year period:

	Extract 226	Extract 303	Extract 431
	2002	2004	2008
B*39	56%	60%	37%
B*39new	2%	x	x
B*3901	10%	4%	x
B*3901var	2%	x	x
B*3915	x	x	6%
B*3925N	**23%**	**36%**	**57%**
total	93%	100%	100%



There is, however, still some work to be done for the standardization of B*3925N, as indicated by the misassignment of B*3901 by 12% in the initial 2002 typing to the most recent misassignment by 6% for B*3915. B*3925N differs from B*3901 and B*3915 with 2bp deletion of GC in codon 111 (nucleotide position 404), as noted by Dunn and Reed, and B*3925N also differs from B*3915 at codon 114 (AAC instead of GAC), as noted by Dunn.

B*5001 (69%) was the second B-locus allele.

Two different A*02 subtypes, A*0201 (41%) and A*0205 (49%), were present.

Cw*0602 and Cw*1203 were reported by 50%.

B*5001-Cw*0602 is found in strong linkage disequilibrium. The probable haplotypes were A*0201-B*3925N-Cw*120301 and A*0205-B*5001-Cw*0602. A*0205-B*5001-Cw*0602 was detected in extracts 97 (Cauc), 208 (Cauc), 235, and 388, and also in cell 1031 (Asian Indian).

Extract 432. This Black cell was RB22 (4), the reference cell for B*3504 (*350401) and B*8201, and was previously typed in the Cell Exchange as extracts 87 (1999) and 301 (2004). RB22 also serves as a reference for MICA*043.

B*8201 was defined by 47%.

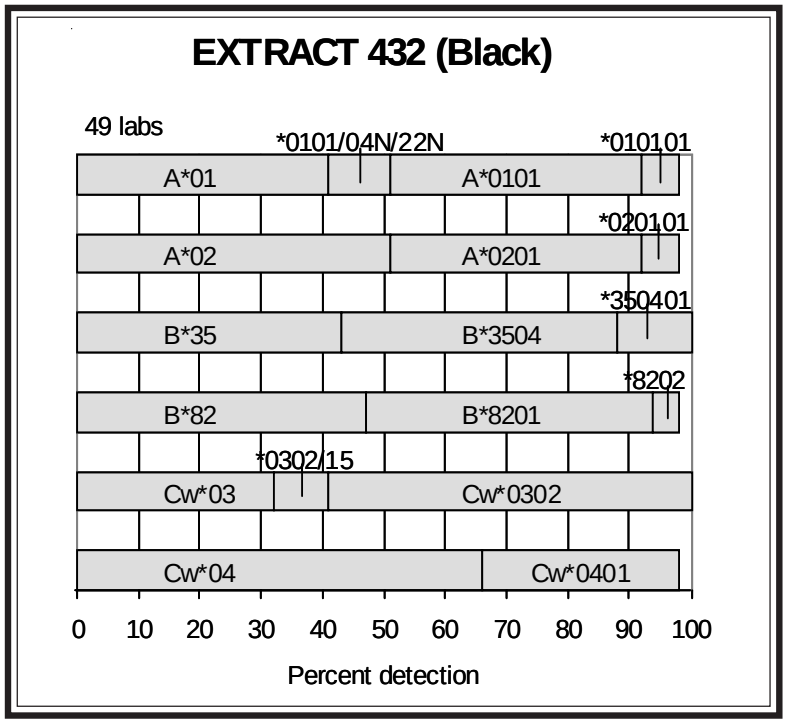
B*3504 was reported by 57%, with 12% assigning B*350401.

A*0101 and A*0201 were detected by 47%.

The C-locus alleles were Cw*0302 (59%) and Cw*0401 (32%).

The likely associations in this cell were B*3504-Cw*0401 and B*8201-Cw*0302. The same B*8201-Cw*0302 was found in extracts 400 and 407 (Black) and in cell 910 (Black).

This cell was also typed for class II as cell lines TER-239 (1999) and TER-266 (2000) as DRB1*0405, DRB1*1402, DRB3*0101, DRB4*0103, DQB1*0301, DQB1*0302, DQA1*0303, DQA1*0503, DPB1*0101, DPB1*0402.



Cell Exchange

Cell 1341. B45 was assigned by 94% for this cell from an Hispanic donor. Esteves-Kondo and Pidwell commented that a B45 variant was present. B*5002 (96%) was assigned in nearly total consensus. This antigen is one of a number of variants whose serologic expression does not match the family of alleles that fits its structure most closely. B*5002 was previously typed in cell 1193 (also cell 1161 and extract 420), also from an Hispanic donor, and in extract 352 (also extract 185). Extract 352 was UBM13129406, one of the reference B*5002 cells, from a Caucasian donor.

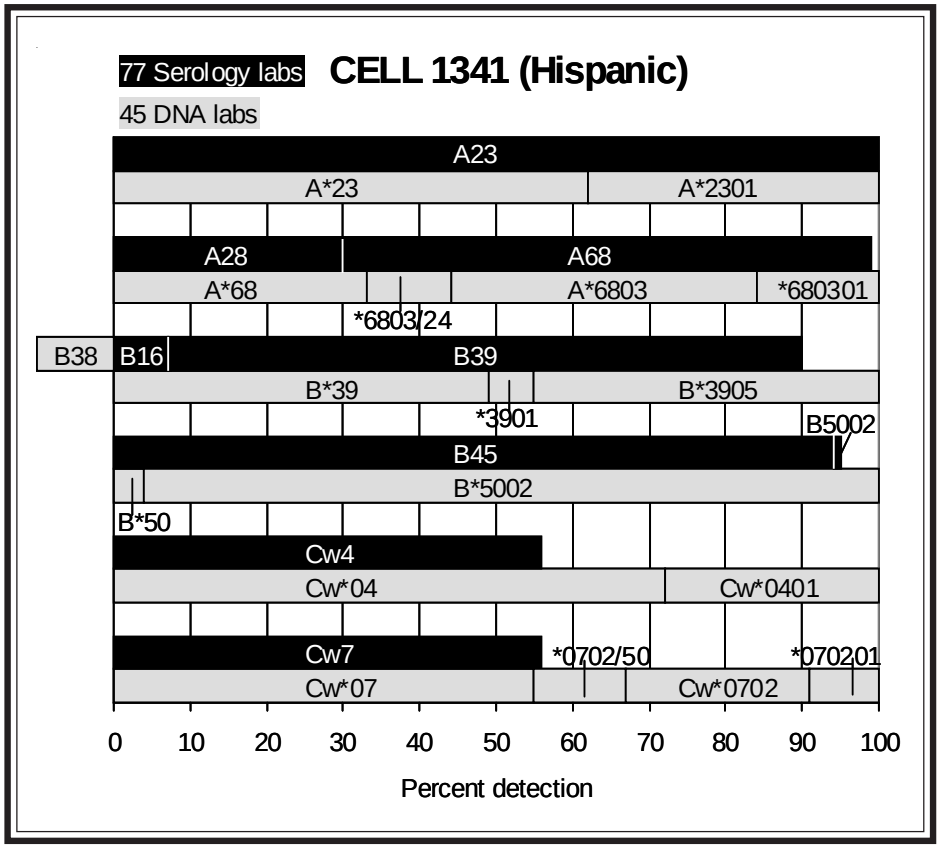
A variant of B39 was noted by a number of labs (Anthony Nolan Trust, Darke, McCluskey, Semana, Sperry, and Osowski and Ward). B39 was assigned by only 83%, with comments of crossreactivity with anti-B38 sera from Anthony Nolan Trust, Darke, Semana, and Osowski and Ward. B*3905 was reported by 45%.

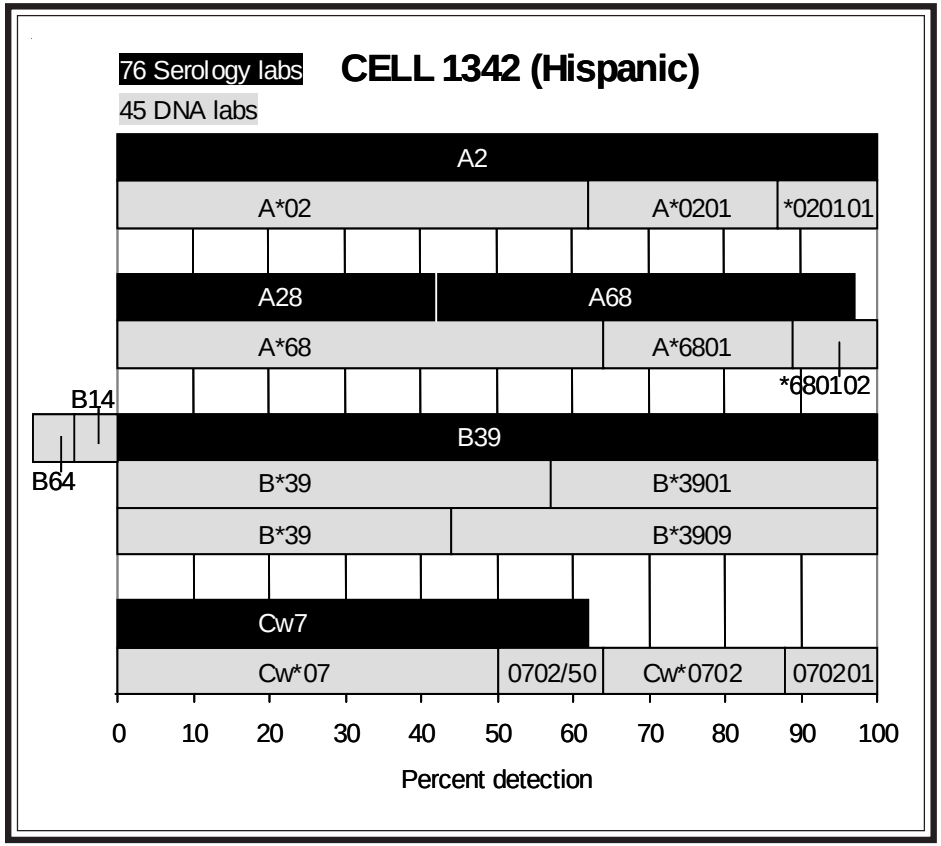
A23 (100%) and A68 (69%) were confirmed as A*2301 (38%) and A*6803 (56%), respectively.

Cw4 and Cw7 were assigned by 56% and validated as Cw*0401 and Cw*0702, respectively.

The probable associations in this cell were B*3905-Cw*0702 and the somewhat unexpected B*5002-Cw*0401. The strong B*5002-Cw*0602 linkage disequilibruim was described by Balas et al. (5). Four of the 5 B*5002 reference cells were typed as Cw6 or Cw*0602.

The probable haplotypes in this cell may be A*6803-B*3905-Cw*0702 and A*2301-B*5002-Cw*0401. Darke et al. (6) observed the presence of A*2301 in a number of B*5002 donors.





Cell 1342. This Hispanic donor was previously typed as cells 1270 (2006) and 1300 (2007), as correctly identified by Barnardo, Moses and Dunckley, Dunn, Israel, Lefor, Mah, McCluskey, Pidwell, and Stamm.

In this present retyping, B39 was assigned by 100% and 2 B*39 subtypes, B*3901 (43%) and B*3909 (56%), were detected. B*3909 was previously typed in cells 1116 (Hisp), 1150 (Viet), 1193 (also cell 1161 and extract 420) (Hisp) and extracts 236 and 318 (also ext 209) (Hisp). Anti-B14 reactivity was reported by 7% and -B64 by 7%, with comments of extra or inconsistent reactivity with anti-B14 sera given by Choo, J.Fischer, Keown, J.Klein, and Pollack. Interestingly, J.Klein observed that this cell reacted with anti-B14 monoclonals, but was non-reactive with B14 allosera from different vendors. Pollack commented that the extra anti-B14 reactivity might be due to B39 homozygosity.

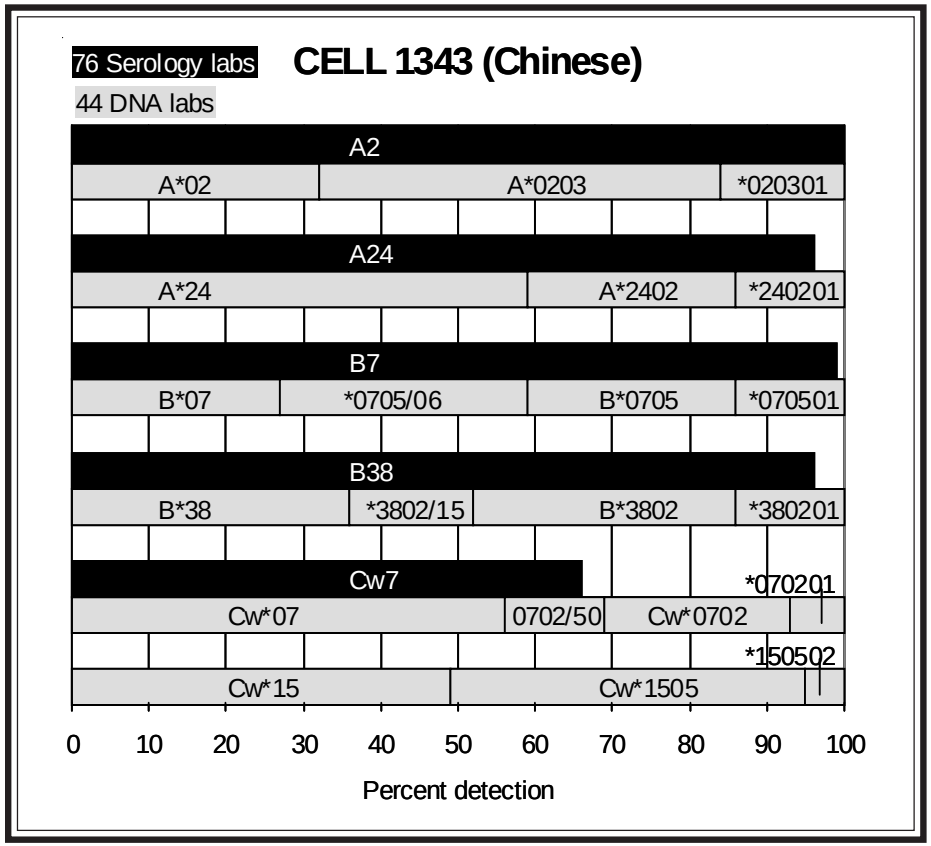
A2 (100%) and A68 (55%) were verified as A*0201 (38%) and A*6801 (36%), respectively.

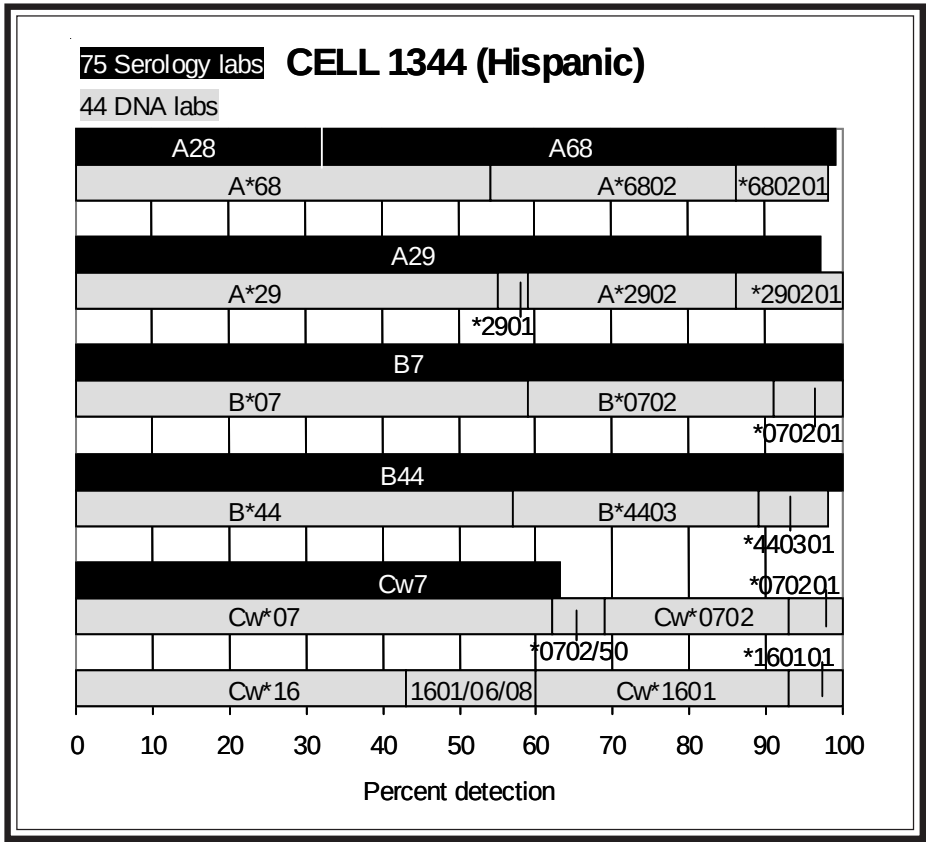
Cw7 (62%) was corroborated as Cw*0702 (36%) as the sole C-locus type.

Cell 1343. This cell from a Chinese individual was well typed as A2, A24, B7, B38, Cw7 and A*0203 (*020301), A*2402 (*240201), B*0705 (*070501), B*3802 (*380201), Cw*0702, Cw*1505, class I types commonly found in Asian populations.

B38 was detected by 96%. Holdsworth and McCluskey noted a variant.

Two strong associations commonly found in Asians, B*0705-Cw*1505 and B*3802-Cw*0702, were present in this cell. According to Cao et al. (7), both A*0203-B*3802-Cw*0702 and A*2402-B*3802-Cw*0702 are frequently found in U.S. Asians, each having HF=0.0153. Therefore, it was unclear of which haplotypes might be present in this cell, without performing family studies.





Cell 1344. This Hispanic donor was previously typed in 2006, as cells 1272 and 1279, as correctly noted by Barnardo, Moses and Dunckley, Israel, Lefor, Mah, McCluskey, Pidwell, and Stamm.

A68 (67%) was assigned by two-thirds of the labs as the A28 split, and was corroborated as A*6802 by 44%.

The other A-locus variant was A29 (97%), verified as A*2902 by 41%.

B7 and B44 were assigned in complete consensus and confirmed as B*0702 and B*4403, each assigned by 41%, respectively.

Cw7 (63%) was confirmed as Cw*0702 (31%). Cw*1601 (40%) was the second C-locus allele.

The likely haplotypes were A*6802-B*0702-Cw*0702 and A*2902-B*4403-Cw*1601. Cao et al. (7) listed A*2902-B*4403-Cw*1601 as the most frequently found haplotype in U.S. Hispanics, with HF=0.0235.

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NEXT MAILING DATE: November 5, 2008

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Lebeck PhD,Lauralynn	San Diego	CA
Lee PhD,Kyung Wha	Anyang,Kyungki	
Lee,Dr Jar-How	Canoga Park	CA
Leech MD PhD,Stephen	Philadelphia	PA
Lefor PhD,W.M.	Tampa	FL
Lim MD,Young Ae	Suwon	
Little,Dr Ann-Margar	London	England
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	
Marsh,Dr Steven	London	England
Masuo,Kiyoe	Tokyo	
Nehlsen-Cannare,Dr S	Detroit	MI
Noreen,Harriet	Minneapolis	MN
Norin,Dr Allen	Brooklyn	NY
Olerup,Olle	Saltsjobaden	
Ozawa,Mikki	Los Angeles	CA
Pahl,Dr Armin	Geesthact	
Paik MD,Young K.	Honolulu	HI
Pais,Dr Maria Luisa	Coimbra	
Park MD,Myoung Hee	Seoul	
Pereira,Noemi Farah	Curitiba	Paran
Permpikul & Vejbaesy	Bangkok	
Phelan,Donna	St Louis	MO
Pidwell PhD,Diane J.	Cleveland	OH
Pollack PhD,Marilyn	San Antonio	TX
Rajczy,Dr Katalin	Budapest	
Ray,Bryan	Stamford	CT
Reed PhD,Elaine F.	Los Angeles	CA
Reed PhD,Elaine F.	Los Angeles	CA
Reinke MD,Dennis	Bismarck	ND
Reinsmoen PhD,Nancy	Los Angeles	CA
Rosen-Bronson PhD,Sa	Washington	DC
Rosenberg MD,J.C.	Ann Arbor	MI
Rubocki PhD,Ronald	Scarborough	ME
Sage,Dr Deborah	London	England
Sauer & Guttwald,	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	
Sheikh PhD,Maqsood	Springfield	NJ
Sinnott & Gupta,	London	
Smith/MI,	Ann Arbor	MI
Snider PhD,Denis	Buffalo	NY
Spannagl,Dr Michael	Munich	
Sperry PhD,Roxanne	Phoenix	AZ
Spyropoulou-Vla,Dr M	Athens	
Stamm,Luz	Calgary	AB
Stastny MD,Peter	Dallas	TX
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	

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

B-CELL LINE TER-413

CTR	DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
4079	Abbal,M.	*0701	*1504	*01030102N	*010101	*0303	*050201					P-SSP
5488	Adams,Sharon	*070101	*1504	*01030102N	*0101	*030302	*050201	*0102	*0201	*0502	*040101	RSSO,SSP,SBT
4691	Ali,M.Ashraf	*07	*15	*+	*+	*03	*05					SSO
2300	Allegheny Ge	*07	*15	*+	*+	*03	*05					SSP
5133	Baker,Judy	*070101	*1504	*0103N	*0101	*030302	*050201			*0301	*040101	SSP,SBT
105	Ball,Edward	*0701	*1504	*01030102N	*0101	*0303	*0502	*0102	*0201	*0301/*0502	*0401	P-SSP
785	Chan,Soh Ha	*070101	*1504	*0101/03		*0303/12/15	*0502	*0102	*0201			SBT
4492	Charron,D.	*0701/15	*1504	*01030102N	*0101	*0303	*0502	*0102	*0201	*0301	*0401	P-SSO,SSP
3224	Chen,Dongfen	*0701	*1504	*0103N	*0101	*0303	*0502	*0102	*0201			SBT,SSP,SSOP
3632	Colombe,Beth	*0701	*1504	*0103N	*0101	*0303	*0502					SSP
3904	Cooper,Shann	*070101/13-15	*1504	*01030102N	*010101	*030302	*0502					P-SSP
5130	Costeas,Paul	*0701/15	*1504	*01030102N	*0101	*0303	*0502	*0102	*0201			SSO,SSP
779	Daniel,Claud	*07	*15	*01030102N	*010101+	*030302/0303+	*05					P-SSP
3625	Darke,Chris	*0701	*1504	*01030102N	*01	*0303	*0502	*0102	*0201	*0301/*0502+	*0401+	P-SSP
4269	Dormoy,Anne	*070101	*1504	*01030102N	*0101	*0303	*0502			*0301/*0502	*0401	P-SSP,SBT
5891	Du,Keming	*0701	*1504									P-SBT
856	Dupont,Bo	*0701	*1504	*0101	*0101/13	*0303/15/20	*0502/05					RVSSO,SSP
3511	Duquesnoy,Re	*0701	*1504	*01030102N	*0101	*0303	*0502					RVSSOP,SSP
5214	Eckels/CPMC	*07	*15	*0103N	*01	*03(DQ9)	*05					SSOP
3428	Eckels/Utah	*0701	*1504									SSOP
2332	Elkhalifa,Mo	*0701	*1504	*01	*01/*02	*03	*0502					SSO,SSP
4251	Ellis,Thomas	*0701	*1504	*0101/03/06	*0101	*0303	*0502			*0301/*0502	*0401	P-SSO,SEQ
3135	Fischer,John	*0701	*1504	*0103N	*0101	*0303	*0502			*0301/*0502	*0401	SBT,P-SSP
762	Fischer/Mayr	*0701	*1504	*0103N	*0101	*0303	*0502					RSSO,SBT,SSP
8043	Gideoni,Osna	*0701	*1504			*0303	*0502					SSOP,SSP
910	Hahn,Amy B.	*0701/13-15	*1504	*01030102N	*0101	*0303	*0502					SSP
2344	Hurley/Hartz	*070101	*1504			*030302	*050201			*030101/*0502	*040101	SBT,SSOP
771	Israel,Shosh	*07	*15			*03	*05					RVSSOP
748	Jaramillo,An	*07	*15	*+	*+	*03(DQ9)	*05					P-SSP
859	Kamoun,Malek	*0701	*1504	*01030102N	*0101/09	*0303	*0502					P-SSO,SSP
797	Kato,Shunich	*0701	*1504			*0303/12/15+	*0502/05					SSO,SBT
4864	Kim,Kyeong-H	*07	*15									P-SSOP
4337	Kim,Tai-Gyu	*0701	*1504			*0303	*0502			*0301	*0401	SBT
168	Klein,Tirza	*0701	*1504			*0303	*0502					P-SSOP,SSP
87	Land,Geoffre	*0701	*1504	*0103N	*0101	*0303	*0502	*0102	*0201	*0502	*0401	SBT,SSP
278	Lee,Jar-How	*070101	*1504	*01030102N	*010101	*030302	*0502	*0102	*0201	*0301	*0401	SSP,RVSSOP
640	Lee,Kyung Wh	*0701	*1504			*0303	*0502	*010201	*0201			P-SBT
759	Lefor,W.M.	*0701/03/05+	*1504/05/18			*0303	*0502	*0102	*0201	*0301/*0502	*0401	RVSSO
6649	Lim,Young Ae	*07	*15	*+	*+							P-SSP
274	Lo,Raymundo	*07	*15	*+	*+	*0303	*05					SSP
731	Loewenthal,R	*0701	*1504			*030302	*050201					SBT,SSO
23	Mah,Helen	*0701	*1504	*01	*01	*0303	*0502					P-RFLP,SSP
8029	Mani,Rama	*0701	*1501	*+	*+	*0303	*0501					P-SSP
9916	McIntyre,Joh	*0701	*1504	*01030102N	*010101	*0303	*050201					SBT,SSP
8021	Montague,Bri	*0701	*1504	*01030102N	*01/*02	*0303	*0502			*0301	*0401	P-SSP,SSO
792	Moore,S.Brea	*0701	*1504	*0103N	*0101	*0303	*0502	*0102	*0201			P-SSP,SSO
5323	Murad,Shahna	*0701/08-14	*1504	*0103	*0101	*0303	*05					P-SSP
774	Paik,Young K	*0701/13-15	*1504	*01030102N	*0101	*030302	*0502					SSP
3648	Pereira,Noem	*0701	*1504			*030302	*050201					RVSSO,SBT
3966	Permpikul&Ve	*0701	*1504	*0103	*0101	*0303	*0502					P-SSP
2400	Phelan,Donna	*0701	*1504	*0103N	*01	*0303	*0502					RVSSO,SSP
16	Pidwell,Dian	*070101	*1504	*0103N	*0101	*0303	*0502/05	*0102	*0201	*030101/*0502	*040101	RSSO,SBT,SSP
4689	Rajczy,Katal	*0701	*1504	*01030102N	*0101	*0303	*0502					P-SSP
3753	Reed,Elaine	*0701	*1504	*0103N	*0101	*0303	*0502	*0102	*0201			SBT,SSP,SSO
3798	Reinsmoen,N	*070101	*1504	*0103N	*0101	*030302	*0502	*0102	*0201	*0502	*0401	SBT,SSOP,SSP
1160	Rosen-Bronso	*07	*15	*0103N	*01	*03	*05					RVSSOP
793	Rubocki,Rona	*07	*15	*null	*+	*03(DQ9)	*05					P-SSP

B-CELL LINE TER-413

CTR	DIRNAME	DRB1	DRB1X	DRB4	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5096	Seoul Red Cr	*07	*15									P-SSO
8042	Shainberg,Br	*0701	*1504			*0303	*0502					SSOP,SSP
8001	Sheikh,Maqso	*0701/15	*1504	*01030102N	*0101	*0303	*0502					RVSSO,SSP
735	Smith/MI	*0701/15	*1504	*0103N	*+	*0303	*0502	*01	*02	*0301	*0401	RVSSOP,SSP
746	Stamm,Luz	*0701	*1504	*01/*02	*01	*0303	*0502					RVSSO,SSP
13	Tagliere,Jac	*0710N	*1504	*01030102N	*0101	*030302	*0502					SSP
5451	Tilanus,Marc	*070101	*1504	*01030102N	*010101	*030302	*050201	*010201	*0201	*0502	*040101	SBT
4021	Trachtenberg	*07	*15	*01/*0201N	*01	*0303/15/20	*0502/05					RVSSOP
5462	Turner,E.V.	*0701	*1504	*01030102N	*0101	*0303/15	*0502			*0502	*0401	SSO,SSP,SEQ
705	Watkins,Dav	*0701	*1504	*01030102N	*+	*030302/0303+						P-SSP,SEQ
5670	Wetmore,Mari	*07	*15	*0103N	*+	*03	*05					SSP
2847	Yamamori,Shun	*07	*15			*03	*05					SSO,SSP

CTR	DIRNAME	DR7	DR15	DR51	DQ9	DQ1	OTH1	OTH2
3904	Cooper,Shann	+	+	+	DQ3	+	DR53	
910	Hahn,Amy B.	+	+	+	+	+		
4908	Kvam,Vonnet	+	+	+	+	+		
725	Lardy,N.M.	+	+	+	DQ3	+		
54	McAlack,Robe	+	+	+	+	DQ6		
8004	Pais,Maria L	+	+	+	+	DQ6	DR53	
2400	Phelan,Donna	+	+	+	+	+	DR53	
16	Pidwell,Dian	+	+	+	+	+		
793	Rubocki,Rona	+	+	+	+	+		

B-CELL LINE TER-413

69 DNA LABS

69 LABS REPORTING DRB1

DRB1*07	35%	
DRB1*0701	51%	
DRB1*070101	13%	
DRB1*0710N	1%	
DRB1*07	100%	TOTAL
DRB1*15	23%	
DRB1*1501	1%	
DRB1*1504	76%	
DRB1*15	100%	TOTAL

53 LABS REPORTING DRB4

DRB4*+	15%	
DRB4*null	2%	
DRB4*0101	2%	
DRB4*0103	4%	
DRB4*0103N	28%	
DRB4*01030102N	41%	
DRB4*01	8%	

53 LABS REPORTING DRB5

DRB5*+	25%	
DRB5*0101	47%	
DRB5*010101	9%	
DRB5*01	17%	

64 LABS REPORTING DQB1

DQB1*03	27%	
DQB1*0303	56%	
DQB1*030302	17%	
DQB1*03	100%	TOTAL
DQB1*05	25%	
DQB1*0501	2%	
DQB1*0502	59%	
DQB1*050201	12%	
DQB1*05	98%	TOTAL

17 LABS REPORTING DQA1

DQA1*01	6%	
DQA1*0102	82%	
DQA1*010201	12%	
DQA1*01	100%	TOTAL
DQA1*02	6%	
DQA1*0201	94%	
DQA1*02	100%	TOTAL

19 LABS REPORTING DPB1

DPB1*0301/*0502	32%	
DPB1*030101/*0502	10%	
DPB1*0301	32%	
DPB1*0502	26%	
DPB1*0401	74%	
DPB1*040101	26%	
DPB1*0401	100%	TOTAL

9 SEROLOGY LABS

DR7	100%	
DR15	100%	
DR51	100%	

DQ3	22%	
DQ9	78%	
DQ3	100%	TOTAL
DQ1	78%	
DQ6	22%	
DQ1	100%	TOTAL

B-CELL LINE TER-414

CTR	DIRNAME	DRB1	DRB1X	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*0405	*0807	*0103	*0302	*0402					P-SSP
5488	Adams,Sharon	*0405	*0807	*0103	*030201	*0402	*0303	*0401	*040101	*0402	RSSO,SSP,SBT
4691	Ali,M.Ashraf	*04	*04	*+	*03	*04					SSO
2300	Allegheny Ge	NT									
5133	Baker,Judy	*040501	*0807	*0103	*030201	*0402			*040101	*0402	SSP,SBT
105	Ball,Edward	*0405	*0807	*0103	*0302	*0402	*0303	*0401	*0401	*0402	P-SSP
785	Chan,Soh Ha	*0405	*0807	*0101/03	*0302	*0402	*0301-03	*04/*06			SBT
4492	Charron,D.	*0405	*0807	*0103	*0302	*0402	*0303	*0401	*0401	*0402	P-SSO,SSP
3224	Chen,Dongfen	*0405	*0807	*0103	*0302	*0402	*03	*04			SBT,SSP,SSOP
3632	Colombe,Beth	*0405	*0807	*0103	*0302	*0402					SSP
3904	Cooper,Shann	*0405	*0807	*01030101/0302	*0302	*0402					P-SSP
5130	Costeas,Paul	*0405	*0807	*0103	*0302	*0402	*0303	*0401			SSO,SSP
779	Daniel,Claud	*04	*08	*01010101-03+		*0401/02					P-SSP
3625	Darke,Chris	*0405	*0807	*01	*0302	*0402	*0301-03	*0401-03	*0401	*0402	P-SSP
4269	Dormoy,Anne	NT									
5891	Du,Keming	*0405	*0807								P-SBT
856	Dupont,Bo	*0405	*0807	*01	*0302/07	*0402					RVSSO,SSP
3511	Duquesnoy,Re	*0405	*0807	*0103	*0302	*0402					RVSSOP,SSP
5214	Eckels/CPMC	*04	*08	*01	*0302	*0402					SSOP
3428	Eckels/Utah	*0405	*0807								SSOP
2332	Elkhalifa,Mo	*0405	*08	*01	*03	*0402					SSO,SSP
4251	Ellis,Thomas	*0405	*0807	*0101/03/06	*0302	*0402			*0401	*0402/*0602	P-SSO,SEQ
3135	Fischer,John	*0405	*0807	*0103	*0302	*0402			*0401	*0402/*0602	SBT,P-SSP
762	Fischer/Mayr	*0405	*0807	*0103	*0302	*0402					RSSO,SBT,SSP
8043	Gideoni,Osna	*0405	*0807		*0302	*0402					SSOP,SSP
910	Hahn,Amy B.	*0405/57	*0807	*0103	*0302	*0402					SSP
2344	Hurley/Hartz	*040501/0503	*0807		*030201	*0402			*040101	*0402/*0602	SBT,SSOP
771	Israel,Shosh	*04	*08		*03	*04					RVSSOP
748	Jaramillo,An	*04	*08	*+	*03(DQ8)	*04					P-SSP
859	Kamoun,Malek	*0405	*0807	*0103	*0302	*0402					P-SSO,SSP
797	Kato,Shunich	*0405	*0807		*0302	*0402					SSO,SBT
4864	Kim,Kyeong-H	*04	*08								P-SSOP
4337	Kim,Tai-Gyu	*0405	*0807		*0302	*0402			*0401	*0402	SBT
168	Klein,Tirza	*0405	*0807		*0302	*0402					P-SSOP,SSP
87	Land,Geoffre	*0405	*0807	*0103	*0302	*0402	*0303	*0401	*0401	*0402	SBT,SSP
278	Lee,Jar-How	*0405	*0807	*0103	*0302	*0402	*0301-03	*0401/02/04	*0401/*2301	*0402/*0602+	SSP,RVSSOP
640	Lee,Kyung Wh	*0405	*0807		*0302	*0402	*0303	*040101			P-SBT
759	Lefor,W.M.	*0405/29/30+	*0801/07+		*0302	*0402	*0301-03	*0401/02/04	*0401	*0401/*0602+	RVSSO
6649	Lim,Young Ae	*04	*08	*+							P-SSP
274	Lo,Raymundo	*04	*08	*+	*0302	*04					SSP
731	Loewenthal,R	*0405	*0807		*0302	*0402					SBT,SSO
23	Mah,Helen	*0405/45	*0807	*01	*0302	*0402					P-RFLP,SSP
8029	Mani,Rama	*0401	*0801	*+	*03	*04					P-SSP
9916	McIntyre,Joh	*0405	*0807	*0103	*0302	*0402					SBT,SSP
8021	Montague,Bri	*0405	*0807	*01	*0302	*0402			*0401	*0402	P-SSP,SSO
792	Moore,S.Brea	*0405	*0807	*0103	*0302	*0402	*0303	*0401			P-SSP,SSO
5323	Murad,Shahna	*0405/45/57	*0807	*0103	*03	*0401/02					P-SSP
774	Paik,Young K	*0405/57	*0807	*0103	*0302	*0402					SSP
3648	Pereira,Noem	*0405	*0807		*0302	*0402					RVSSO,SBT
3966	Permpikul&Ve	*0405	*0807	*0103	*0302	*0402					P-SSP
2400	Phelan,Donna	*0405	*0807	*01	*0302	*0402					RVSSO,SSP
16	Pidwell,Dian	*040501	*0807	*0103	*0302	*0402	*0301-03	*0401/02/04	*040101	*0402/*0602	RSSO,SBT,SSP
4689	Rajczy,Katal	*0405	*0807	*0103	*0302						P-SSP
3753	Reed,Elaine	*0405	*0807	*0103	*0302	*0402	*0301-03	*0401/02/04			SBT,SSP,SSO
3798	Reinsmoen,N	*040501	*0807	*0103	*0302	*0402	*0303	*040101	*0401	*0402	SBT,SSOP,SSP
1160	Rosen-Bronso	*04	*08	*01	*0302	*0402					RVSSOP
793	Rubocki,Rona	*04	*08	*+	*03(DQ8)	*04					P-SSP

B-CELL LINE TER-414

CTR	DIRNAME	DRB1	DRB1X	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5096	Seoul Red Cr	*04	*08								P-SSO
8042	Shainberg,Br	*0405	*0807		*0302	*0402					SSOP,SSP
8001	Sheikh,Maqso	*0405	*0807	*0103	*0302	*0402					RVSSO,SSP
735	Smith/MI	*0405	*0807	*+	*0302	*0402	*03	*04	*0401	*0402	RVSSOP,SSP
746	Stamm,Luz	*0405	*0807	*01/*02	*0302	*0402					RVSSO,SSP
13	Tagliere,Jac	*0405	*0807	*0103	*0302	*0402					SSP
5451	Tilanus,Marc	*040501	*0807	*01030101	*030201	*0402	*0303	*040101	*040101	*0402	SBT
4021	Trachtenberg	*04	*08	*01/*0201N	*0302/07	*0402					RVSSOP
5462	Turner,E.V.	*0405	*0807	*0103	*0302	*0402			*0401	*0402	SSO,SSP,SEQ
705	Watkins,Dav	*0405	*0807	*+	*0302/08+	*0401/02					P-SSP,SEQ
5670	Wetmore,Mari	*04	*08	*+	*03	*04					SSP
2847	Yamamori,Shun	*04	*08		*03	*04					SSO,SSP

CTR	DIRNAME	DR4	DR8	DR53	DQ8	DQ4	OTH1	OTH2
3904	Cooper,Shann	+	+	+	DQ3	+		
910	Hahn,Amy B.	+	+	+	DQ3	+		
4908	Kvam,Vonnet	+		+	+		DR12,DR52	DQ1
725	Lardy,N.M.	+	+	+	DQ3			
54	McAlack,Robe	+	+	+	+	+		
8004	Pais,Maria L	+	+	+	+	+		
2400	Phelan,Donna	+	+	+	+	+		
16	Pidwell,Dian	+	+	+	+	+		
793	Rubocki,Rona	+	+	+	+	+		

B-CELL LINE TER-414

67 DNA LABS

67 LABS REPORTING DRB1

DRB1*04	28%	
DRB1*0401	2%	
DRB1*0405	64%	
DRB1*040501	6%	
DRB1*04	100%	TOTAL
DRB1*08	22%	
DRB1*0801	2%	
DRB1*0807	75%	
DRB1*08	99%	TOTAL

51 LABS REPORTING DRB4

DRB4*+	23%	
DRB4*0103	55%	
DRB4*01030101	2%	
DRB4*01	20%	

62 LABS REPORTING DQB1

DQB1*03	19%	
DQB1*0302	73%	
DQB1*030201	6%	
DQB1*03	98%	TOTAL
DQB1*04	17%	
DQB1*0402	81%	
DQB1*04	98%	TOTAL

17 LABS REPORTING DQA1

DQA1*03	47%	
DQA1*0303	53%	
DQA1*03	100%	TOTAL
DQA1*04	41%	
DQA1*0401	35%	
DQA1*040101	18%	
DQA1*04	94%	TOTAL

18 LABS REPORTING DPB1

DPB1*0401	72%	
DPB1*040101	28%	
DPB1*0401	100%	TOTAL
DPB1*0402/*0602	33%	
DPB1*0402	67%	

9 SEROLOGY LABS

DR4	100%	
DR8	89%	
DR53	100%	

DQ3	33%	
DQ8	67%	
DQ3	100%	TOTAL
DQ4	78%	

	SERUM NO. 969												SERUM NO. 970											
	% POS	% 8'S	B 5 1	B 3 5	B 5 3	A 2	B 5 2	B 1 8	B 5 8	B 5 7	B 7 8	B 4 9		% POS	% 8'S	B 3 5	B 5 1	B 5 3	B 7 8	B 7 5	B 1 8	B 4 2	B 5 4	B 5 2	B 3 9	METHOD
Alvarez & Ca	53	66		+	+	+							A11	78	100	+								+	A2,A33,A1 (3)
Baker,Judy	14	???	+											12	???	+									(4)
Berka,Noured	76	100	+	+	+	+		+	+	+		+	B63,B42	84	100	+		+			+	+		+	A34,A68,6602> (3)
Burger,Joe	27	100	+	+	+	+		+	+	+	+	+	B75	32	100	+	+	+	+	+	+		+		B72,B58,B56 (3)
Cantwell,Lin	???	???	+	+	+	+	+		+	+	+		B75,B77	???	???	+	+	+	+	+		+	+	+	B71,B77 (3)
Choo,Yoon MD	30	0	+	+	+		+		+	+			B38	28	50	+	+	+		+	+			+	(5)
Cohen,Jacque	66	???	+	+	+	+	+	+			+		B17	42	???	+	+	+	+		+	+	+		B16 (3)
Cooper,E. Sh	5	0	+											7	0	+	+								B58 (4)
Darke,Christ	???	???	+	+	+	+	+	+	+		+		B75	???	???	+	+		+	+			+	+	B71,B77,B38> (3)
Dunckley,Hea	10	71	+	+	+									10	40	+	+	+							(1)
Dunk,Arthur	15	100	+	+	+									22	100	+	+	+	+						(6)
Dunn,Dale Dr	5	0	+											7	20	+	+								(4)
Dunn,Paul Ph	8	100	+											15	40	+	+								B62 (2)
Eckels/CPMC,	53	???	+	+	+	+	+					+		40	???	+	+	+							(4)
Elkhalifa MD	62	???	+	+	+	+	+	+	+	+	+		B77	87	???	+	+	+	+	+		+	+		+	B71,B55 (3)
Ellis,Thomas	71	???		+	+	+		+			+		B5,B17,B15,B21	79	???	+		+			+				B5,B70,B67,B16 (3)
Esteves Kond	0	0												5	???										??? (1)
Esteves-Kond	80	100	+	+	+		+	+	+	+		+	B75,B71	64	100	+	+	+		+	+			+		B37 (3)
Fotino,Maril	0	0												2	???										??? (4)
Foxcroft,Z.K	8	0	+	+	+								A66,A74,B37>	16	0	+	+	+				+			A30,CW18 (1)
Gautreaux,Mi	66	???	+	+	+	+	+	+		+	+		B63	76	???	+	+	+	+	+		+			B58,B72 ( )
Hahn,Amy B.	34	75	+	+	+		+	+	+				B46,B63,B8,B65	38	100	+	+	+		+	+			+		B46,B63 (4)
Hamdi,Nuha D	69	100	+	+		+		+		+		+	A68,A33,B48>	40	100	+	+	+	+					+	B67,A31,B73> (3)
Han,Hoon Dr	53	???	+				+		+	+			B50	55	???	+	+	+	+				+		A31 (3)
Harville/ACH	???	???	+	+	+			+	+	+	+	+	B77,B63	???	???	+	+	+	+	+		+	+		+	B71,B77 (3)
Hogan,Patric	5	50	+											6	100	+	+								(1)
Holdsworth,R	85	100		+		+		+				+	A25,B8,B37,B38>	68	100	+				+	+			+	A29,B7,B8,B37> (5)
Israel,Shosh	???	???	+	+	+	+	+	+	+	+			B63,A34	???	???	+	+	+		+		+			B58,B8,A29,A69> (3)
Kamoun,Malek	69	???	+	+	+		+	+	+	+	+	+	B50	53	???	+	+	+	+		+			+		(3)
Klein,Jon MD	45	???	+	+	+		+		+				B77,B75	52	???	+	+	+		+				+		B77,B62,B71 (4)
Klein,Tirza	58	100		+		+		+	+	+	+		A68,B56,B71	68	100	+			+	+	+	+	+			6602,B72,B41> (3)
Lardy,N.M. D	19	100	+	+	+									15	83	+	+	+								(2)
MacCann,Eile	98	???	+	+	+	+	+	+			+		B15,B17,B70	84	???	+		+	+	+	+	+				B5,B7,B22,B40 (3)
Mah,Helen	5	???											???	14	25	+										(4)
McAlack,Robe	32	100	+	+	+	+	+	+		+	+			23	100	+	+	+	+		+				+	B67,B71 (5)
McAlack-Bala	58	100	+	+	+	+		+	+		+	+		82	100	+	+	+	+	+	+		+			B72 (3)
McCluskey,Ja	96	???	+	+	+			+						90	???	+	+	+			+					(3)
Moore,S.Brea	29	???	+	+	+	+			+	+	+		B63	54	???	+	+	+	+			+	+			B67,B77 (3)
Ozawa,Mikki	???	???	+	+	+	+			+	+	+	+	B63,B75	???	???	+	+	+	+	+		+	+		+	B67,B77 (3)
Paik,Young K	18	25		+	+								B5,B75	28	33	+	+			+	+	+				(4)
Pereira,Noem	???	???	+	+	+	+	+		+	+	+	+	B63	???	???	+	+	+	+	+	+		+		+	B67,B77 (3)
Permpikul &	9	100	+				+							16	80	+	+						+			(1)
Phelan,Donna	58	???	+	+	+	+	+	+	+	+			B63,B75	42	???	+	+	+	+	+			+		B71,B72,B50> (6)
Pidwell,Dian	20	100	+	+	+									16	100		+									(2)
Rosen-Bronso	63	100	+	+	+	+	+	+	+	+	+		B37	99	100	+	+	+	+	+	+	+	+	+		B37 (3)
Sage,Deborah	91	???	+			+	+						A25,A32,B7,B8>	87	???		+			+			+		A29,A80,B8,B64> (3)
Sinnott & Gu	???	???	+	+	+	+	+	+			+		A69,A25,A32	???	???	+	+	+			+			+		A29,A80,B8,B59> (3)
Smith/MI,	5	???	+											5	???											??? (4)
Suciu-Foca,N	15	8											B5	12	7											B5 (6)
Sullivan,Kar	23	???	+	+	+		+	+	+	+			B76	40	???	+	+	+			+			+		A25,B63 (5)
Tagliere,Jac	0	0												10	0							+				(2)
Turner,E.V.	0	0												???	???	+	+	+	+	+		+	+		+	B71,B77 (3)
Ward & Osows	50	20				+			+	+	+			13	34	+			+							(4)

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

*** 53 TYPING LABS ***			*** 53 TYPING LABS ***		
B51	77%	0.875	B35	87%	0.662
B35	70%	0.694	B51	74%	0.816
B53	64%	0.864	B53	62%	0.934
A2	47%	0.989	B78	42%	1.000
B52	43%	0.872	B75	40%	1.000
B18	43%	0.822	B18	36%	0.754
B58	42%	0.968	B42	32%	0.829
B57	40%	0.969	B54	25%	1.000
B78	36%	1.000	B39	23%	0.938
B49	21%	1.000	B52	23%	0.619
B63	19%	0.917	B71	19%	0.786
B75	15%	1.000	B77	17%	1.000
B77	8%	1.000	B67	13%	1.000
B17	6%	1.000	B72	11%	1.000
B37	6%	1.000	B58	9%	1.000
B50	6%	1.000	A29	8%	1.000
B71	6%	1.000	B8	8%	0.688
B5	6%	0.879	???	6%	1.000
A25	6%	0.833	A80	6%	1.000
B8	6%	0.385	B5	6%	1.000
A32	4%	1.000	B37	6%	1.000
B15	4%	1.000	6602	4%	1.000
B42	4%	1.000	A31	4%	1.000
A68	4%	0.750	B16	4%	1.000
B38	4%	0.677	B40	4%	1.000
			B61	4%	1.000
			B64	4%	1.000
			B7	4%	0.857
			B38	4%	0.667
			B50	4%	0.667
			B63	4%	0.500
			B62	4%	0.400

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

*** 53 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: All

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

	% POS	% 8'S	B 5 1	B 5 3	B 3 5		% POS	% 8'S	B 5 1	B 5 3	B 3 5		METHOD
Dunckley,Hea	10	71	+	+	+		10	40	+	+	+		(1)
Esteves Kond	0	0					5	???				???	(1)
Foxcroft,Z.K	8	0	+	+	+	A66,A74,B37,B50	16	0	+	+	+	A30,B42,CW18	(1)
Hogan,Patric	5	50	+				6	100	+	+			(1)
Permpikul &	9	100	+			B52	16	80	+	+		B52	(1)

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

*** 5 TYPING LABS ***			*** 5 TYPING LABS ***		
B51	80%	0.630	B51	80%	0.536
B53	40%	0.833	B35	80%	0.260
B35	40%	0.211	B53	40%	0.500
A66	20%	1.000	???	20%	1.000
A74	20%	1.000	CW18	20%	1.000
B37	20%	1.000	B42	20%	0.667
B50	20%	1.000	A30	20%	0.571
B52	20%	0.200	B52	20%	0.200

*** 5 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

	% POS	% 8'S	B 5 1	B 5 3	B 3 5		% POS	% 8'S	B 5 1	B 5 3		METHOD
Dunn,Paul Ph	8	100	+				15	40	+	+	B62	(2)
Lardy,N.M. D	19	100	+	+	+		15	83	+	+	B53	(2)
Pidwell,Dian	20	100	+	+	+		16	100	+			(2)
Tagliere,Jac	0	0					10	0			B42	(2)

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

*** 4 TYPING LABS ***			*** 4 TYPING LABS ***		
B51	75%	1.000	B51	75%	0.929
B53	50%	0.571	B35	50%	0.429
B35	50%	0.417	B42	25%	1.000
			B62	25%	1.000
			B53	25%	0.500

*** 4 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: NIH-ext

	SERUM NO. 969												SERUM NO. 970											
	% POS	% 8'S	B 35	B 51	A 2	B 53	B 78	B 58	B 57	B 52	B 18	B 49		% POS	% 8'S	B 35	B 53	B 51	B 78	B 75	B 42	B 54	B 39	B 18	B 71	
Alvarez & Ca	53	66	+		+	+							A11	78	100	+							+			A2,A33,A1	(F-3)
Baker,Judy	49	???	+	+	+						+	+	A25,A32,B8,B37>	47	???	+					+		+	+		A29,A30,B8,B27>	(L-3)
Berka,Noured	76	100	+	+	+	+		+	+		+	+	B63,B42	84	100	+	+				+		+	+		A34,A68,6602>	(L-3)
Burger,Joe	27	100	+	+	+	+	+	+	+		+	+	B75	32	100	+	+	+	+	+		+		+		B72,B58,B56	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+			B75,B77	???	???	+	+	+	+	+	+	+	+		+	B77	(L-3)
Cohen,Jacque	66	???	+	+	+	+	+			+	+		B17	42	???	+	+	+	+		+	+		+		B16	(L-3)
Darke,Christ	???	???	+	+	+	+	+	+		+	+		B75	???	???	+		+	+	+			+		+	B52,B77,B38>	(L(3)
Dunn,Paul Ph	???	???	+	+	+	+	+	+	+	+			B77,B75	???	???	+	+	+	+	+	+	+	+		+	B77	(L-3)
Eckels/CPMC,	73	???	+	+	+					+	+	+	A25,A32,A69>	36	???	+	+	+			+		+			2708,B37,B38>	(LF-3)
Elkhalifa MD	62	???	+	+	+	+	+	+	+	+	+		B77	87	???	+	+	+	+	+	+	+	+		+	B55	(L-3)
Ellis,Thomas	71	???	+		+	+	+				+		B5,B17,B15,B21	79	???	+	+							+		B5,B70,B67,B16	(L-3)
Esteves-Kond	80	100	+	+		+		+	+	+	+	+	B75,B71	64	100	+	+	+		+				+		B52,B37	(F-3)
Fotino,Maril	39	100	+	+	+	+	+	+	+	+				55	100	+	+	+	+	+	+	+			+		(L-3)
Hamdi,Nuha D	69	100	+	+	+				+		+	+	A68,A33,B48>	40	100	+	+	+	+				+		+	B67,A31,B73>	(L-3)
Han,Hoon Dr	53	???		+				+	+	+			B50	55	???	+	+	+	+			+				A31	(L-3)
Harville/ACH	???	???	+	+		+	+	+	+		+	+	B77,B63	???	???	+	+	+	+	+	+	+	+		+	B77	(L-3)
Hogan,Patric	21	???	+	+	+	+	+	+	+	+		+	B75	23	???	+	+	+	+	+		+	+	+		B72,B58	(L-3)
Israel,Shosh	???	???	+	+	+	+		+	+	+	+		B63,A34	???	???	+	+	+		+	+					B58,B8,A29,A69>	(L-3)
Kamoun,Malek	69	???	+	+		+	+	+	+	+	+	+	B50	53	???	+	+	+	+					+		B52	(L-3)
Klein,Tirza	58	100	+		+		+	+	+		+		A68,B56,B71	68	100	+			+	+	+	+		+		6602,B72,B41>	(L-3)
MacCann,Eile	98	???	+	+	+	+	+			+	+		B15,B17,B70	84	???	+	+		+	+	+			+		B5,B7,B22,B40	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+		B77	???	???	+	+	+	+	+	+	+	+		+	B55	(L-3)
McAlack-Bala	58	100	+	+	+	+	+	+			+	+		82	100	+	+	+	+	+		+		+		B72	(L-3)
McCluskey,Ja	96	???	+	+		+					+			90	???	+	+	+						+			(L-3)
Moore,S.Brea	29	???	+	+	+	+	+	+	+				B63	54	???	+	+	+	+		+	+				B67,B77	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+			+	B63,B75	???	???	+	+	+	+	+	+	+	+			B67,B77	(L-3)
Paik,Young K	64	59	+		+	+	+				+	+	B5,B17,B62,B63	45	71	+	+		+	+	+		+	+		B5,B67	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+		+	B63	???	???	+	+	+	+	+		+	+	+		B67,B77	(L-3)
Phelan,Donna	22	???	+	+	+	+		+	+	+	+	+	B63	26	???	+	+	+	+	+						B52,B50,B58>	(L-3)
Pidwell,Dian	???	???	+	+	+	+	+	+	+	+	+		B63	???	??/	+	+	+	+	+	+	+	+		+	B37,B67	(F-3)
Rosen-Bronso	63	100	+	+	+	+	+	+	+	+	+		B37	99	100	+	+	+	+	+	+	+		+		B52,B37	(F-3)
Sage,Deborah	91	???		+	+					+			A25,A32,B7,B8>	87	???			+		+					+	A29,A80,B52,B8>	(L-3)
Sinnott & Gu	???	???	+	+	+	+	+			+	+		A69,A25,A32	???	???	+	+	+						+		A29,A80,B52,B8>	(L-3)
Smith/MI,	62	???	+	+	+	+	+	+	+	+			B77,B75	58	???	+	+	+	+	+	+	+	+		+	B77	(L-3)
Suciu-Foca,N	???	100	+	+	+	+	+	+	+	+	+		B75	???	100	+	+	+	+	+	+	+	+		+	B77	(L-3)
Turner,E.V.	0	0												???	???	+	+	+	+	+	+	+	+		+	B77	(L-3)
Ward & Osows	64	???	+	+	+	+	+	+	+	+			B75,B77	83	???	+	+	+	+	+	+	+	+		+	B77	(LF-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

*** 37 TYPING LABS ***

B35	92%	1.000
B51	86%	1.000
A2	84%	0.990
B53	81%	1.000
B58	68%	1.000
B78	68%	1.000
B18	65%	1.000
B52	65%	1.000
B57	65%	1.000
B49	38%	1.000
B63	27%	1.000
B75	27%	1.000
B77	19%	1.000
A25	11%	1.000
A32	11%	1.000
B17	11%	1.000
B37	8%	1.000
B71	8%	1.000
A69	5%	1.000
B5	5%	1.000
B8	5%	1.000
B15	5%	1.000
B50	5%	1.000
A68	5%	0.750

*** 37 TYPING LABS ***

B35	97%	0.845
B53	86%	1.000
B51	81%	1.000
B78	73%	1.000
B75	68%	1.000
B42	59%	1.000
B54	57%	1.000
B39	51%	0.958
B18	43%	1.000
B71	38%	1.000
B77	32%	1.000
B67	22%	1.000
B52	19%	1.000
B37	14%	1.000
B58	14%	1.000
B72	14%	1.000
A29	11%	1.000
B8	11%	1.000
A80	8%	1.000
B5	8%	1.000
B38	8%	1.000
6602	5%	1.000
A31	5%	1.000
B16	5%	1.000
B40	5%	1.000
B41	5%	1.000
B55	5%	1.000
B61	5%	1.000
B64	5%	1.000
B70	5%	1.000

*** 37 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: Luminex/Flow

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

	% POS	% 8'S	B 5 1	B 5 3	B 3 5	B 5 2	B 5 8	B 7 5	A 2		% POS	% 8'S	B 3 5	B 5 1	B 5 3	B 7 5	B 5 2	B 1 8		METHOD
Baker,Judy	14	???	+								12	???	+							(4)
Cooper,E. Sh	5	0	+								7	0	+	+					B58	(4)
Dunn,Dale Dr	5	0	+								7	20	+	+						(4)
Eckels/CPMC,	53	???	+	+	+	+			+	B49	40	???	+	+	+					(4)
Fotino,Maril	0	0									2	???							???	(4)
Hahn,Amy B.	34	75	+	+	+	+	+			B46,B63,B8,B18,B65	38	100	+	+	+	+	+	+	B46,B63	(4)
Klein,Jon MD	45	???	+	+	+	+	+	+		B77	52	???	+	+	+	+	+		B77,B62,B71	(4)
Mah,Helen	5	???								???	14	25	+							(4)
Paik,Young K	18	25		+	+			+		B5	28	33	+	+		+		+	B42	(4)
Smith/MI,	5	???	+								5	???							???	(4)
Suciu-Foca,N	26	50	+	+	+	+					33	28	+	+	+		+			(4)
Ward & Osows	50	20					+		+	B57,B78	13	34	+						B78	(4)

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

*** 12 TYPING LABS ***			*** 12 TYPING LABS ***		
B51	67%	0.857	B35	83%	0.775
B53	42%	0.769	B51	58%	0.789
B35	42%	0.621	B53	33%	1.000
B52	33%	1.000	B75	25%	1.000
B58	25%	0.833	B52	25%	0.600
A2	17%	1.000	???	17%	1.000
B75	17%	1.000	B18	17%	0.556
???	8%	1.000	B58	8%	1.000
B49	8%	1.000	B77	8%	1.000
B57	8%	1.000	B78	8%	1.000
B77	8%	1.000	B46	8%	0.667
B78	8%	1.000	B71	8%	0.400
B5	8%	0.667	B42	8%	0.333
B46	8%	0.667	B63	8%	0.333
B63	8%	0.667	B62	8%	0.250
B8	8%	0.273			
B18	8%	0.273			
B65	8%	0.273			

*** 12 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: Antiglobulin

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

	% POS	% 8'S	B 3 5	B 5 7	B 5 3	B 5 2	B 5 1	B 1 8	B 7 8	B 5 8	B 7 5	B 6 3		% POS	% 8'S	B 3 5	B 5 3	B 5 1	B 5 2	B 1 8	B 7 8	B 7 5	B 7 1	B 6 7	B 6 3		METHOD
Choo,Yoon MD	30	0	+	+	+	+	+			+			B38	28	50	+	+	+	+	+		+					(5)
Esteves-Kond	55	33	+	+	+	+	+		+	+	+	+		100	100	+	+	+	+		+	+	+		+	B62,B54	(5)
Hahn,Amy B.	16	0	+	+	+	+	+	+	+		+	+	B5	25	100	+	+	+	+		+	+	+	+		B64,B38	(5)
Holdsworth,R	85	100	+					+					A2,A25,B8,B37>	68	100	+				+						A29,B7,B8,B37>	(5)
McAlack,Robe	32	100	+	+	+	+	+	+	+				A2	23	100	+	+	+		+	+		+	+		B39	(5)
Sullivan,Kar	23	???	+	+	+	+	+	+		+			B76	40	???	+	+	+	+	+					+	A25	(5)

********** SERUM NO. 969 ********** ********** SERUM NO. 970 **********

*** 6 TYPING LABS ***

B35	100%	0.818
B51	83%	1.000
B57	83%	0.909
B52	83%	0.889
B53	83%	0.889
B18	67%	1.000
B58	50%	1.000
B78	50%	1.000
A2	33%	1.000
B63	33%	1.000
B75	33%	1.000
B38	33%	0.677
B5	17%	1.000
B8	17%	1.000
B37	17%	1.000
B42	17%	1.000
B45	17%	1.000
B49	17%	1.000
B76	17%	1.000
A25	17%	0.750

*** 6 TYPING LABS ***

B35	100%	1.000
B53	83%	1.000
B51	83%	0.857
B52	67%	0.800
B18	67%	0.667
B71	50%	1.000
B75	50%	1.000
B78	50%	1.000
B39	33%	1.000
B63	33%	1.000
B67	33%	1.000
B38	33%	0.667
A25	17%	1.000
A29	17%	1.000
B37	17%	1.000
B42	17%	1.000
B54	17%	1.000
B62	17%	1.000
B64	17%	1.000
B8	17%	0.655
B7	17%	0.500
B50	17%	0.500

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: Elisa

	SERUM NO. 971												SERUM NO. 972											
	% POS	% 8'S	B 3 5	B 5 3	B 5 1	B 1 8	B 7 8	B 7 5	B 6 2	B 7 7	B 7 1	B 5 2		% POS	% 8'S	B 3 5	B 5 3	B 5 1	B 1 8	B 6 2	B 7 5	B 7 8	B 5 2	B 7 1	B 7 7	METHOD
Alvarez & Ca	70	100	+		+	+							A2	71	100	+										A2,A33,A32	(3)
Baker,Judy	19	???	+	+										24	???	+	+	+									(4)
Berka,Noured	38	100	+	+		+		+						80	100	+	+	+	+	+						A34,B8,A68,A33>	(3)
Burger,Joe	18	100	+	+	+	+	+	+	+				B76,B54,B72	35	100	+	+	+	+	+	+	+				B54,B72,B49	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+		CW17	???	???	+	+	+	+	+	+	+		+	+	B54	(3)
Choo,Yoon MD	30	50	+	+	+	+		+	+			+		50	50	+	+	+	+	+	+		+			B72	(5)
Cohen,Jacque	47	???	+	+	+	+	+	+	+				B76	80	???	+	+	+	+	+		+	+			B8	(3)
Cooper,E. Sh	9	0	+											26	89	+	+	+									(4)
Darke,Christ	???	???	+	+	+	+	+	+	+	+	+		B76	???	???	+	+	+	+	+	+	+		+	+		(3)
Dunckley,Hea	10	78	+	+	+									28	100	+	+	+	+				+				(1)
Dunk,Arthur	13	75	+	+										32	80	+	+	+	+			+				B63	(6)
Dunn,Dale Dr	13	80	+	+										22	100	+	+	+									(4)
Dunn,Paul Ph	17	100	+		+						+			27	100	+		+	+	+			+				(2)
Eckels/CPMC,	27	???	+	+	+						+			77	???											MULTI	(4)
Elkhalifa MD	56	???	+	+	+	+	+	+	+	+	+		CW17	94	???	+	+	+	+	+	+	+		+	+	B50	(3)
Ellis,Thomas	56	???	+	+		+	+						B5,B15,B21,B37	93	???	+	+		+							B5,B21,B37,B70>	(3)
Esteves Kond	3	???											???	25	???	+	+										(1)
Esteves-Kond	52	100	+	+	+	+	+		+			+		95	100	+		+	+	+	+		+			B49,B37,B72>	(3)
Fotino,Maril	13	0	+			+							A32	21	100	+		+								B58	(4)
Foxcroft,Z.K	21	50	+	+									A25,A32,B37>	46	42	+	+	+	+							A1,A24,A25,B37	(1)
Gautreaux,Mi	50	???	+	+	+	+	+	+	+				B72	82	???	+	+	+	+	+	+	+				B54	( )
Hahn,Amy B.	29	67	+	+	+	+		+					B63,B46	72	100	+	+	+	+	+	+				+	B46,B8,B39	(4)
Hamdi,Nuha D	31	75	+	+	+	+	+						A33	76	100			+	+							A33,A68,CW7>	(3)
Han,Hoon Dr	44	???	+	+	+		+							55	???	+	+	+					+				(3)
Harville/ACH	???	???	+	+	+	+	+	+	+	+	+		B54	???	???	+	+	+	+	+	+	+		+	+	B54	(3)
Hogan,Patric	8	17	+		+									33	63	+	+	+									(1)
Holdsworth,R	85	100	+			+							B8,B37,B38,B39>	85	100	+			+							A25,A26,A66,B8>	(5)
Israel,Shosh	???	???	+	+	+	+			+				A3,B42,A2,A33>	???	???	+	+	+	+	+	+					CW4,B37,B72>	(3)
Kamoun,Malek	44	???	+	+	+	+	+					+		80	???	+	+	+	+			+	+	+		B72,B21,B15	(3)
Klein,Jon MD	47	???	+	+	+			+		+	+	+		88	???	+	+	+	+	+	+	+		+	+	+	B63	(4)
Klein,Tirza	54	???	+	+	+	+	+	+	+				B56,B54	88	???	+			+	+	+	+				B42,B8,B54,B55>	(3)
Lardy,N.M. D	23	100	+	+	+									34	83	+	+	+	+				+				(2)
MacCann,Eile	54	???	+	+	+	+	+	+	+			+	B70,B37	90	???	+	+		+	+	+	+				B70,B37,B22>	(3)
Mah,Helen	9	100	+	+										21	75	+	+							+			(4)
McAlack,Robe	99	100	+	+	+	+	+					+	B72,A1	57	100	+	+	+	+	+		+	+	+			(5)
McAlack-Bala	44	100	+	+	+	+	+	+	+				B76	92	100	+	+	+	+		+	+				B54,B72	(3)
McCluskey,Ja	72	???	+	+	+	+								92	???	+	+	+	+								(3)
Moore,S.Brea	22	???	+	+	+	+	+		+	+	+			48	???	+	+	+	+	+		+			+	B49	(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+			B76,B50	???	???	+	+	+	+	+	+	+			+	B49,B50	(3)
Paik,Young K	25	11	+	+	+			+						61	100	+	+		+		+			+		B5,B16	(4)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+			CW17,B76	???	???	+	+	+	+	+	+	+			+	B49,B54	(3)
Permpikul &	21	100	+		+									27	100	+		+									(1)
Phelan,Donna	32	???	+	+	+	+	+	+	+	+	+	+		60	???	+	+	+		+	+	+	+	+	+	B72	(6)
Pidwell,Dian	30	100	+	+	+									38	100	+	+	+	+								(2)
Rosen-Bronso	48	100	+	+	+	+	+	+	+		+	+	B37	88	100	+	+	+		+	+		+		+	B37,B63,B76	(3)
Sage,Deborah	69	???			+			+	+	+	+	+	B8,B72,B76,B38	85	???			+		+	+		+	+		6601,B8,B64>	(3)
Sinnott & Gu	???	???	+	+	+	+			+			+	B8,B54,B56,B63	???	???			+					+			A25,A26,A34>	(3)
Smith/MI,	21	???	+	+										26	???	+	+	+									(4)
Suciu-Foca,N	38	???	+	+									B5	33	100	+	+									B5	(6)
Sullivan,Kar	40	???	+	+	+	+		+	+			+	B76	68	???	+	+	+	+				+			A23,A24,A25>	(5)
Tagliere,Jac	10	33		+										28	100	+	+										(2)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+		B50	???	???	+	+	+		+	+	+		+	+	B54,B50	(3)
Ward & Osows	20	34	+	+	+		+							27	67	+	+	+				+		+			(4)

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

*** 53 TYPING LABS ***			*** 53 TYPING LABS ***		
B35	94%	0.808	B35	92%	0.961
B53	83%	0.965	B53	79%	0.941
B51	74%	0.624	B51	79%	0.716
B18	58%	0.780	B18	62%	0.897
B78	43%	1.000	B62	45%	0.897
B62	42%	0.933	B75	40%	1.000
B75	42%	0.917	B78	36%	1.000
B71	21%	1.000	B52	28%	0.818
B77	21%	1.000	B71	25%	1.000
B52	21%	0.867	B77	23%	1.000
B76	15%	1.000	B54	15%	1.000
B37	9%	1.000	B72	15%	1.000
B54	8%	1.000	B37	15%	0.750
B72	8%	1.000	B8	11%	0.923
B8	6%	1.000	B49	9%	1.000
B50	6%	1.000	A25	8%	1.000
CW17	6%	1.000	A68	8%	1.000
B5	4%	1.000	B50	8%	1.000
B38	4%	1.000	A33	8%	0.929
B42	4%	1.000	B63	8%	0.750
B56	4%	1.000	B5	6%	0.888
A2	4%	0.833	6601	4%	1.000
A33	4%	0.800	A26	4%	1.000
A32	4%	0.667	A34	4%	1.000
B63	4%	0.500	A66	4%	1.000
			A69	4%	1.000
			B21	4%	1.000
			B38	4%	1.000
			B39	4%	1.000
			B42	4%	1.000
			B46	4%	1.000
			B56	4%	1.000
			B76	4%	1.000
			B16	4%	0.875
			A24	4%	0.769
			B70	4%	0.438

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

*** 53 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: All

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

	% POS	% 8'S	B 3 5	B 5 1	B 5 3		% POS	% 8'S	B 5 3	B 5 1	B 5 3	B 1 8		METHOD
Dunckley,Hea	10	78	+	+	+		28	100	+	+	+	+	B52	(1)
Esteves Kond	3	???				???	25	???	+	+				(1)
Foxcroft,Z.K	21	50	+		+	A25,A32,B37,B64,A66	46	42	+	+	+	+	A1,A24,A25,B37	(1)
Hogan,Patric	8	17	+	+			33	63	+	+	+			(1)
Permpikul &	21	100	+	+			27	100	+		+			(1)

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

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

B35	80%	0.660	B35	100%	0.903
B51	60%	0.348	B53	80%	1.000
B53	40%	1.000	B51	80%	0.741
???	20%	1.000	B18	40%	0.636
A25	20%	1.000	A1	20%	1.000
A66	20%	1.000	A25	20%	1.000
B37	20%	1.000	B37	20%	1.000
B64	20%	1.000	A24	20%	0.750
A32	20%	0.600	B52	20%	0.250

*** 5 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

	% POS	% 8'S	B 5 3	B 5 1	B 3 5		% POS	% 8'S	B 3 5	B 5 1	B 1 8	B 5 2		METHOD
Dunn,Paul Ph	17	100		+	+		27	100	+		+	+	+ B62	(2)
Lardy,N.M. D	23	100	+	+	+		34	83	+	+	+	+	+	(2)
Pidwell,Dian	30	100	+	+	+		38	100	+	+	+	+		(2)
Tagliere,Jac	10	33	+				28	100	+	+				(2)

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

*** 4 TYPING LABS *** *** 4 TYPING LABS ***

B35	75%	1.000	B35	100%	1.000
B53	75%	0.909	B18	75%	1.000
B51	75%	0.786	B53	75%	1.000
			B51	75%	0.929
			B52	50%	1.000
			B62	25%	1.000

*** 4 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: NIH-ext

	%	%	B 3 5	B 5 3	B 5 1	B 1 8	B 7 8	B 6 2	B 7 5	B 7 7	B 7 1	C W 1 7		%	%	B 3 5	B 5 1	B 5 3	B 1 8	B 6 2	B 7 8	B 7 5	B 7 7	B 7 1	B 5 4	
	POS	8'S												POS	8'S											
	********** SERUM NO. 971 **********													********** SERUM NO. 972 **********												
Alvarez & Ca	70	100	+		+	+							A2	71	100	+										A2,A33,A32 (F-3)
Baker,Judy	36	???	+		+	+							B8,B37,B38,B39>	76	???				+							A25,A26,A33,B8>(L-3)
Berka,Noured	38	100	+	+		+			+					80	100	+	+	+	+	+						A34,B8,A68,A33>(L-3)
Burger,Joe	18	100	+	+	+	+	+	+	+				B76,B54,B72	35	100	+	+	+	+	+	+	+			+	B72,B49 (L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Cohen,Jacque	47	???	+	+	+	+	+	+	+				B76	80	???	+	+	+	+	+	+					B52,B8 (L-3)
Darke,Christ	???	???	+	+	+	+	+	+	+	+	+		B76	???	???	+	+	+	+	+	+	+	+	+		(L-3)
Dunn,Paul Ph	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Eckels/CPMC,	53	???	+	+	+	+		+		+			B49,B50,B54>	95	???	+			+							A25,A33,A34> (LF-3)
Elkhalifa MD	56	???	+	+	+	+	+	+	+	+	+			94	???	+	+	+	+	+	+	+	+	+		B50 (L-3)
Ellis,Thomas	56	???	+	+		+	+						B5,B15,B21,B37	93	???	+		+	+							B5,B21,B37,B70>(L-3)
Esteves-Kond	52	100	+	+	+	+	+	+					B52	95	100	+	+		+	+		+				B52,B49,B37> (F-3)
Fotino,Maril	26	100	+	+	+		+		+	+	+	+		66	100	+	+	+			+	+	+	+	+	(L-3)
Hamdi,Nuha D	31	75	+	+	+	+	+						A33	76	100		+		+							A33,A68,CW7> (L-3)
Han,Hoon Dr	44	???	+	+	+		+							55	???	+	+	+								B52 (L-3)
Harville/ACH	???	???	+	+	+	+	+	+	+	+	+		B54	???	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Hogan,Patric	15	???	+	+	+	+	+	+	+			+	B76,B54	20	???	+	+	+	+	+	+	+			+	B49,B72 (L-3)
Israel,Shosh	???	???	+	+	+	+		+					A3,B42,A2,A33>	???	???	+	+	+	+	+		+				CW4,B37,B72> (L-3)
Kamoun,Malek	44	???	+	+	+	+	+						B52	80	???	+	+	+	+		+		+			B52,B72,B21> (L-3)
Klein,Tirza	54	???	+	+	+	+	+	+	+				B56,B54	88	???	+			+	+	+	+			+	B42,B8,B55,B56 (L-3)
MacCann,Eile	54	???	+	+	+	+	+	+	+				B52,B70,B37	90	???	+		+	+	+	+	+				B70,B37,B22> (L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+		B50	???	???	+	+	+	+	+	+	+	+	+		B50 (L-3)
McAlack-Bala	44	100	+	+	+	+	+	+	+				B76	92	100	+	+	+	+		+	+			+	B72 (L-3)
McCluskey,Ja	72	???	+	+	+	+								92	???	+	+	+	+							(L-3)
Moore,S.Brea	22	???	+	+	+	+	+	+		+	+			48	???	+	+	+	+	+	+		+			B49 (L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+			B76,B50	???	???	+	+	+	+	+	+	+	+			B49,B50 (L-3)
Paik,Young K	47	71	+	+		+	+	+	+				B5,B21,B70	80	100	+		+	+	+	+					B16,B21,B22> (L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+		+	B76	???	???	+	+	+	+	+	+	+	+		+	B49 (L-3)
Phelan,Donna	16	???	+	+	+	+	+	+	+	+			B52,B50	22	???		+		+	+	+	+	+	+		B52,B21,B72 (L-3)
Pidwell,Dian	???	???	+	+	+	+	+	+	+		+	+	B76	???	???	+	+	+	+	+	+		+	+	+	B37 (F-3)
Rosen-Bronso	48	100	+	+	+	+	+	+	+		+		B52,B37	88	100	+	+	+		+		+	+			B37,B63,B76> (F-3)
Sage,Deborah	69	???			+			+	+	+	+		B52,B8,B72,B76>	85	???		+			+		+		+		6601,B52,B8> (L-3)
Sinnott & Gu	???	???	+	+	+	+		+					B52,B8,B54,B56>	???	???		+									A25,A26,A34> (L-3)
Smith/MI,	49	???	+	+	+	+	+	+	+	+	+	+		76	???	+	+	+	+	+	+	+	+	+	+	(L-3)
Suciu-Foca,N	???	100	+	+	+	+	+	+	+	+	+	+		???	100	+	+	+		+	+	+	+	+	+	B50 (L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+		B50	???	???	+	+	+		+	+	+	+	+	+	B50 (L-3)
Ward & Osows	62	???	+	+	+	+	+	+	+	+	+	+		98	???	+	+	+		+	+	+	+	+	+	B50 (LF-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

*** 37 TYPING LABS ***			*** 37 TYPING LABS ***		
B35	97%	0.845	B35	89%	1.000
B51	92%	1.000	B51	81%	1.000
B53	92%	1.000	B53	76%	1.000
B18	92%	0.959	B18	76%	0.951
B78	78%	1.000	B62	70%	1.000
B62	76%	1.000	B75	65%	1.000
B75	68%	1.000	B78	65%	1.000
B71	43%	1.000	B77	43%	1.000
B77	43%	1.000	B71	41%	1.000
CW17	27%	1.000	B54	38%	1.000
B76	24%	1.000	B52	22%	1.000
B52	22%	0.900	B72	22%	1.000
B50	16%	1.000	B37	22%	0.750
B54	16%	1.000	B50	19%	1.000
B37	11%	1.000	B49	16%	1.000
B8	8%	1.000	A33	16%	0.938
B56	8%	1.000	A68	14%	1.000
B5	5%	1.000	B8	14%	1.000
B38	5%	1.000	A34	11%	1.000
B49	5%	1.000	B21	11%	1.000
B72	5%	1.000	A25	8%	1.000
B21	5%	0.857	A66	8%	1.000
A2	5%	0.833	A69	8%	1.000
B70	5%	0.818	B70	8%	0.571
A33	5%	0.800	6601	5%	1.000
			A26	5%	1.000
			B16	5%	1.000
			B22	5%	1.000
			B27	5%	1.000
			B42	5%	1.000
			B56	5%	1.000
			B63	5%	1.000
			B76	5%	1.000

*** 37 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: Luminex/Flow

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

	% POS	% 8'S	B 35	B 53	B 51	B 75	B 71	B 52	B 18		METHOD
Baker,Judy	19	???	+	+							(4)
Cooper,E. Sh	9	0	+								(4)
Dunn,Dale Dr	13	80	+	+							(4)
Eckels/CPMC,	27	???	+	+	+		+				(4)
Fotino,Maril	13	0	+						+	A32	(4)
Hahn,Amy B.	29	67	+	+	+	+			+	B63,B46	(4)
Klein,Jon MD	47	???	+	+	+	+	+	+		B77	(4)
Mah,Helen	9	100	+	+							(4)
Paik,Young K	25	11	+	+	+	+					(4)
Smith/MI,	21	???	+	+							(4)
Suciu-Foca,N	33	39	+	+	+			+			(4)
Ward & Osows	20	34	+	+	+					B78	(4)

	% POS	% 8'S	B 35	B 53	B 51	B 71	B 18	B 75	B 52	B 77	B 62	B 39	B 46	B 63	B 70	B 78	MULTI	B 58	B 46,B8,B39	B 63	B5,B16	B70	B78	METHOD
Baker,Judy	24	???	+	+	+																			(4)
Cooper,E. Sh	26	89	+	+	+																			(4)
Dunn,Dale Dr	22	100	+	+	+																			(4)
Eckels/CPMC,	77	???																MULTI						(4)
Fotino,Maril	21	100	+		+													B58						(4)
Hahn,Amy B.	72	100	+	+	+			+	+	+	+								B46,B8,B39					(4)
Klein,Jon MD	88	???	+	+	+	+	+	+	+	+	+									B63				(4)
Mah,Helen	21	75	+	+		+																		(4)
Paik,Young K	61	100	+	+		+	+	+													B5,B16			(4)
Smith/MI,	26	???	+	+	+																			(4)
Suciu-Foca,N	52	50	+	+	+		+															+		(4)
Ward & Osows	27	67	+	+	+	+																	B78	(4)

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

*** 12 TYPING LABS ***

B35	100%	0.831
B53	83%	0.909
B51	50%	0.443
B75	25%	0.600
B71	17%	1.000
B52	17%	0.704
B18	17%	0.250
B77	8%	1.000
B78	8%	1.000
A32	8%	0.750
B46	8%	0.333
B63	8%	0.333

*** 12 TYPING LABS ***

B35	92%	0.969
B53	83%	1.000
B51	75%	0.493
B71	33%	1.000
B18	33%	0.933
B75	25%	1.000
B52	17%	1.000
B77	17%	1.000
B62	17%	0.750
B39	8%	1.000
B46	8%	1.000
B63	8%	1.000
B70	8%	1.000
B78	8%	1.000
MULTI	8%	1.000
B16	8%	0.857
B5	8%	0.833
B8	8%	0.800
B58	8%	0.500

*** 12 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: Antiglobulin

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

	% POS	% 8'S	B 3 5	B 1 8	B 5 3	B 5 1	B 7 5	B 5 2	B 7 8	B 6 2	B 4 9		% POS	% 8'S	B 3 5	B 1 8	B 5 3	B 5 2	B 5 1	B 6 2	B 7 8	B 7 2	B 7 1	B 7 5		METHOD
Choo,Yoon MD	30	50	+	+	+	+	+	+		+			50	50	+	+	+	+	+	+		+		+		(5)
Esteves-Kond	91	67	+	+	+	+	+	+	+		+	B63,B71	100	100	+	+	+	+	+	+	+	+	+		B63	(5)
Hahn,Amy B.	11	100	+	+	+	+	+		+				28	100	+	+	+	+	+	+	+	+	+	+		(5)
Holdsworth,R	85	100	+	+							+	B8,B37,B38,B39>	85	100	+	+									A25,A26,A66,B8>	(5)
McAlack,Robe	99	100	+	+	+	+		+	+			B72,A1	57	100	+	+	+	+	+	+	+		+			(5)
Sullivan,Kar	40	???	+	+	+	+	+	+		+		B76	68	???	+	+	+	+	+						A23,A24,A25>	(5)

********** SERUM NO. 971 ********** ********** SERUM NO. 972 **********

*** 6 TYPING LABS ***

B35	100%	1.000
B18	100%	0.923
B53	83%	1.000
B51	83%	0.889
B75	67%	1.000
B52	67%	0.857
B78	50%	1.000
B49	33%	1.000
B62	33%	0.667
A1	17%	1.000
B8	17%	1.000
B37	17%	1.000
B38	17%	1.000
B39	17%	1.000
B42	17%	1.000
B48	17%	1.000
B50	17%	1.000
B63	17%	1.000
B71	17%	1.000
B72	17%	1.000
B76	17%	1.000

*** 6 TYPING LABS ***

B18	100%	1.000
B35	100%	1.000
B51	83%	1.000
B53	83%	1.000
B52	83%	0.875
B62	67%	0.833
B71	50%	1.000
B72	50%	1.000
B78	50%	1.000
A25	33%	1.000
B75	33%	1.000
A23	17%	1.000
A24	17%	1.000
A26	17%	1.000
A66	17%	1.000
A68	17%	1.000
A69	17%	1.000
B8	17%	1.000
B37	17%	1.000
B38	17%	1.000
B39	17%	1.000
B46	17%	1.000
B63	17%	1.000

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: NOV 5 2008 **********

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #429 (Hispanic) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*010101	*300201	*1504	*5703	*010201	*1801/02	RSSO,SSP,SBT
4691	Ali,M.Ashraf	*01	*30	*15	*57	*01	*18	SSO
2300	Allegheny Ge	*01	*30	*15	*57	*01	*18	SSP
745	Anthony Nola	*01010101	*300201	*1504	*570301	*010201	*1802	SSO,SSP,SBT
5133	Baker,Judy	*0101	*3002	*1504	*5703	*0102	*1801/02	SSP,SBT
105	Ball,Edward	*0101/06	*3002	*1504	*5703	*01	*18	PCR-SSP
2020	Barnardo,Mar	*0101/04/22N	*3002	*1504	*5702/03/07	*0102/06/08/11	*1802	SSP,SBT
4345	Blasczyk,Rai	*0101/01N/04N/22N	*3002	*1504	*5703	*0102	*1801/02	PCR-SBT
5106	Brown,Colin	*01	*3002/10	*1504	*5703	*0102/06-08/11+	*1801/02	
785	Chan,Soh Ha	*0101/04N/22N	*3002	*1504	*570301	*0102	*1801/02	SBT
3224	Chen,Dongfen	*0101	*3002	*1504	*5703	*0102	*1801/02	SBT,SSO,SSP
3625	Darke,Christ	*0101	*3002	*1504	*5703	*0102	*1801/02	SBT,PCR-SSP
1108	Davis,Mary	*0101	*3002	*1504	*5703	*0102	*1802	SSO,SSP
5891	Du,Keming	*0101	*3002	*1504	*5703			PCR-SBT,SSO
3186	Dunckley,Hea	*01	*30	*1504	*57	*01	*18	SSP,SBT
3766	Dunn,Paul	*01	*3002/10/12	*1504	*5703	*01	*1801/02	PCR-SSO
3428	Eckels/Utah	*01	*3002/10/12	*1504	*5703			SSOP
4251	Ellis,Thomas	*0101	*3002	*1504	*5703	*0102	*1801/02	PCR-SSO,SEQ
762	Fischer&Mayr	*0101	*3002	*1504	*5703	*0102	*1801	
3135	Fischer,John	*0101	*3002	*1504	*5703	*0102/03	*1801/02	PCR-SSO,SBT
729	Fotino,Maril	*01	*30	*15	*57	*01	*18	
810	Hamdi,Nuha	*01010101	*300201	*1504	*570301	*010201	*1801	SSO
1461	Hidajat,Mela	*0101	*3002	*1504	*5703	*0102	*1802	SSO,SSP
615	Holdsworth,R	*01	*30	*15	*57			SSP
2344	Hurley&Hartz	*01010101/010102N+	*300201/0202	*1504	*570301	*010201/0202	*1801/02	SBT,SSOP
797	Kato,Shunich	*0101/01N	*3002	*1504	*5703	*0102	*1801/02	SSO,SBT
87	Land,Geoff	*0101	*3002	*1504	*5703	*0102	*1802	SSP,SBT
278	Lee,Jar-How	*0101/11N/16N/22N+	*3002	*1504	*5703	*0102	*1802	SSP,RVSSOP
640	Lee,Kyung Wh	*0101/04N/22N	*3002	*1504	*5703	*0102	*1801/02	PCR-SBT
9916	McIntyre,Joh	*01010101	*300201	*1504	*570301	*0102/14-20	*1802	SBT,SSP
8021	Montague,Bri	*0101/04N/06+	*3001-0202/08-10+	*150101/0103+	*5703	*0102/03/06-11+	*1801/02	PCR-SSP
5323	Murad,Shahna	*01	*30	*15	*57	*01	*18	PCR-SSP
733	Mytilineos,J	*01	*30	*15	*57	*01	*18	SSO
8022	Olerup,Olle	*0101	*3002	*1504	*5703	*0102	*1802	SSP
8000	Pahl,Armin	*01	*30	*15	*57			SSO
3648	Pereira,Noem	*01	*30	*1504	*5703	*01	*18	RVSSO
3966	Permpikul&Ve	*01	*30	*1535	*57	*0102	*1801/02	PCR-SSP
2400	Phelan,Donna	*0101/06	*3002	*1504	*5703	*0102	*1802	RVSSO,SSP
3753	Reed,Elaine	*0101	*3002	*1504	*5703	*0102	*1801/02	SBT
3798	Reinsmoen,N	*010101/01N	*300201	*1504	*570301	*010201	*1802	SBT,RSSO,SSP
1694	Sauer&Guttwa	*01	*30	*15	*57	*01	*18	SSP
3545	Scornik,Juan	*0101/04N/22N	*3002	*1504	*5703	*0102	*1801/02	RVSSOP,SBT
5096	Seoul Red Cr	*01	*30	*15	*57			PCR-SSO
8042	Shainberg,Br	*01	*30	*15	*57	*01	*18	SSOP,SSP
735	Smith/MI	*0101	*3002	*1504	*5703	*0102	*1801/02	SEQ,RSSP,SSP
740	Snider,Denis	*0101	*3002	*1504	*5703	*0102	*1802	SSP
746	Stamm,Luz	*0101/06	*3002	*1504	*5703	*0102	*1802	RVSSO,SSP
13	Tagliere,Jac	*0101	*3002	*1504	*5703	*0102	*1802	SSP
4021	Trachtenberg	*01	*30	*1504	*5703	*01	*1801/02	RVSSOP
5462	Turner,E.V.	*0101	*3002	*1504	*5703	*0102	*1802	SSO,SSP,SEQ

CTR	INVESTIGATOR NAME	DNA EXTRACT #430 (Japanese/Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*2602	*6901	*350801	*400601	*080101	*120301	RSSO,SSP,SBT
4691	Ali,M.Ashraf	*26	*69	*35	*40	*08	*12	SSO
2300	Allegheny Ge	*26	*69	*35	*40	*08	*12	SSP
745	Anthony Nola	*2602	*6901	*350801	*400601	*080101	*120301	SSO,SSP,SBT
5133	Baker,Judy	*2602	*6901	*3508	*4006	*0801	*1203	SSP,SBT
105	Ball,Edward	*26	*6901	*3508	*4006/70	*08	*1203	PCR-SSP
2020	Barnardo,Mar	*2602	*6901	*3508/14/62	*4006/44/53	*0801	*120301	SSP,SBT
4345	Blasczyk,Rai	*2602	*6901	*3508	*4006	*0801	*1203	PCR-SBT
5106	Brown,Colin	*26	*6901	*3508	*4006/70	*0801/08	*1203/06/12+	
785	Chan,Soh Ha	*2602	*6901	*350801	*400601	*080101	*1203	SBT
3224	Chen,Dongfen	*2602	*6901	*3508	*4006	*0801	*1203	SBT,SSO,SSP
3625	Darke,Christ	*2602	*6901	*3508	*4006	*0801	*1203	SBT,PCR-SSP
1108	Davis,Mary	*2601	*6901	*3508	*4006	*0801	*1203	SSO,SSP
5891	Du,Keming	*2602	*6901	*3508	*4006			PCR-SBT,SSO
3186	Dunckley,Hea	*26	*69	*35	*4002/04/06/11+	*08	*12	SSP
3766	Dunn,Paul	*2602	*6901	*3508	*4006/70	*0801/08	*12	PCR-SSO
3428	Eckels/Utah	*2602	*6901	*3508	*4006/70			SSOP
4251	Ellis,Thomas	*2602	*6901	*3508	*4006	*0801	*1203	PCR-SSO,SEQ
762	Fischer&Mayr	*2602	*6901	*3508	*4006	*0801	*1203	
3135	Fischer,John	*2602	*6901	*3508	*4006	*0801	*1203	PCR-SSO,SBT
729	Fotino,Maril	*26	*69	*35	*40	*08	*12	
810	Hamdi,Nuha	*260101	*6901	*3508	*40060101	*080101	*120301	SSO
1461	Hidajat,Mela	*2602	*6901	*3508	*4006	*0801	*1203	SSO,SSP
615	Holdsworth,R	*2602	*6901	*35	*40			SSP,SBT
2344	Hurley&Hartz	*2602	*6901	*350801	*40060101/060102	*080101	*12030101+	SBT,SSOP
797	Kato,Shunich	*2602	*6901	*3508	*4006	*0801	*1203	SSO,SBT
87	Land,Geoff	*2602	*6901	*3508	*4006	*0801	*1203	SSP,SBT
278	Lee,Jar-How	*2602	*6901	*3508	*4006	*0801	*1203	SSP,RVSSOP
640	Lee,Kyung Wh	*2602	*6901	*3508	*4006	*0801	*1203	PCR-SBT
9916	McIntyre,Joh	*2602	*6901	*350801	*400601	*0801	*1203	PCR-SSP,SBT
8021	Montague,Bri	*260101/0103-02/04+	*6901	*3501-0401/06+	*4002/04/06+	*0801/03/06+	*120301/0303+	PCR-SSP
5323	Murad,Shahna	*26	*69	*35	*40	*08	*12	PCR-SSP
733	Mytilineos,J	*26	*69	*35	*40	*08	*12	SSO
8022	Olerup,Olle	*2602	*6901	*3508	*4006	*0801	*1203	SSP
8000	Pahl,Armin	*26	*69	*35	*40			SSO
3648	Pereira,Noem	*2602	*6901	*3508	*40	*08	*12	RVSSO
3966	Permpikul&Ve	*26	*6901	*35	*40	*0801	*1203	PCR-SSP
2400	Phelan,Donna	*2602	*6901	*3508	*4006/70	*0801	*1203	RVSSO,SSP
3753	Reed,Elaine	*2602	*6901	*3508	*4006	*0801	*1203	SBT
3798	Reinsmoen,N	*2602	*6901	*350801	*400601	*080101	*120301	SBT,RSSO,SSP
1694	Sauer&Guttwa	*26	*69	*35	*40	*08	*12	SSP
3545	Scornik,Juan	*2602	*6901	*350801	*4006	*080101	*1203	RVSSOP,SBT
5096	Seoul Red Cr	*26	*69	*35	*40			PCR-SSO
8042	Shainberg,Br	*2602	*6901	*3508	*4006	*0804	*1203	SSOP,SSP
735	Smith/MI	*2602	*6901	*3508	*4006	*0801	*1203	SEQ,RSSO,SSP
740	Snider,Denis	*2602	*6901	*3508	*4006	*0801	*1203	SSP
746	Stamm,Luz	*2602	*6901	*3508/73	*4006	*0801	*1203	RVSSO,SSP
13	Tagliere,Jac	*2601	*6901	*3508	*4006	*0801	*1203	SSP
4021	Trachtenberg	*26	*6901	*3508/61	*4006/70	*08	*12	RVSSOP
5462	Turner,E.V.	*2602	*6901	*3508	*4006	*0801	*1203	SSO,SSP,SEQ

CTR	INVESTIGATOR NAME	DNA EXTRACT #431 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101	*0205	*39	*5001	*0602/11/14	*1203/04	RSSO,SSP,SBT
4691	Ali,M.Ashraf	*02	*02	*39	*50	*06	*12	SSO
2300	Allegheny Ge	NT						
745	Anthony Nola	*0201	*0205	*3925N	*5001	*060201	*120301	SSO,SSP,SBT
5133	Baker,Judy	*0201	*0205	*3925N	*5001	*0602/11	*1203/0402	SSP,SBT
105	Ball,Edward	*0201/32N/75/76/85+	*0205	*3925N/30/33/34	*5001/04	*0602/14-16N	*1203	PCR-SSP
2020	Barnardo,Mar	*0201/09/43N+//*0222	*0205//*0214	*3925N	*5001	*0602/07/10/12+	*1203/13	SSP,SBT
4345	Blasczyk,Rai	*0201/01L/02/09/14+	*0205/06/22/*9204+	*3925N	*5001	*0602/11	*1203/04	PCR-SBT
5106	Brown,Colin	*02		*3925N	*5001	*06	*12	
785	Chan,Soh Ha	*0201/09/43N/66/75+	*0205/06/22/*9204+	*3925N	*5001	*0602/11	*1203/04	SBT
3224	Chen,Dongfen	*0201	*0205	*3925N	*5001	*0602	*1203	SBT,SSO,SSP
3625	Darke,Christ	*0201/02/14	*0205/06/22	*39	*5001/04	*0602	*1203	SBT,PCR-SSP
1108	Davis,Mary	*0201	*0205	*3925N	*5001	*0602	*1203	SSO,SSP
5891	Du,Keming	*0201/02/14	*0205/06/22	*3901/26	*5001			PCR-SBT,SSO
3186	Dunckley,Hea	*02		*39	*50	*06	*12	SSP
3766	Dunn,Paul	*02	*0205/08/22/*9204	*3925N	*5001	*06	*12	PCR-SSO
3428	Eckels/Utah	*02	*0205/08/22/*9204	*3915	*5001			SSOP
4251	Ellis,Thomas	*0201	*0205	*3925N	*5001	*0602	*1203	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*0205	*39	*5001	*0602	*1203	
3135	Fischer,John	*0201/01L	*0205	*3925N	*5001	*0602	*1203	PCR-SSO,SBT
729	Fotino,Maril	*02		*39	*50	*06	*12	
810	Hamdi,Nuha	*02010101	*0205	*3915	*5001	*06020101	*120301	SSO
1461	Hidajat,Mela	*0201	*0205	*3925N	*5001	*0602	*1203	SSO,SSP
615	Holdsworth,R	*02	*02	*3925N	*5001			SSP,SBT
2344	Hurley&Hartz	*02010101/010102L+	*0205	*3925N	*5001	*06020101+	*12030101+	SBT,SSOP
797	Kato,Shunich	*0201/01N/14	*0205/22	*3915	*5001	*0602/11	*1203/04	SSO,SBT
87	Land,Geoff	*0201	*0205	*3925N	*5001	*0602	*1203	SSP,SBT
278	Lee,Jar-How	*0201/24/66/83N/94N+	*0205	*3925N	*5001	*0602	*1203	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/02/09/14/43N+	*0205/06/22/*9204	*3925N	*5001	*0602/11	*1203/04	PCR-SBT
9916	McIntyre,Joh	*02010101	*0205	*3925N	*5001/04	*0602	*1203	SBT,SSP
8021	Montague,Bri	*0201-05+		*3901/05/09+	*5001/04	*0602/03/07+	*120301/0303+	PCR-SSP
5323	Murad,Shahna	*02		*39	*50	*06	*12	PCR-SSP
733	Mytilineos,J	*02		*39	*50	*06	*12	SSO
8022	Olerup,Olle	*0201	*0205	*3925N	*5001	*0602	*1203	SSP
8000	Pahl,Armin	*02		*39	*50			SSO
3648	Pereira,Noem	*02		*39	*5001	*06	*12	RVSSO
3966	Permpikul&Ve	*0201	*0205	*39	*50	*0602	*12	PCR-SSP
2400	Phelan,Donna	*0201	*0205	*3925N	*5001	*0602	*1203	RVSSO,SSP
3753	Reed,Elaine	*0201/02/14	*0205/06/22	*3925N	*5001	*0602/11	*1203/04	SBT
3798	Reinsmoen,N	*020101/01L	*0205	*3925N	*5001	*060201	*120301	SBT,RSSO,SSP
1694	Sauer&Guttwa	*02		*39	*50	*06	*12	SSP
3545	Scornik,Juan	*0201	*0205	*3925N	*5001	*0602	*1203	RVSSOP,SBT
5096	Seoul Red Cr	*02	*02	*39	*50			PCR-SSO
8042	Shainberg,Br	*02		*39	*50	*06	*12	SSOP,SSP
735	Smith/MI	*0201/14	*0205/22	*3925N	*5001	*0602/11	*1203/04	SEQ,RSSO,SSP
740	Snider,Denis	*0201/85	*0205	*3925N	*5001	*0602	*1203	SSP
746	Stamm,Luz	*0201	*0205	*3925N	*5001	*0602	*1203	RVSSO,SSP
13	Tagliere,Jac	*0201	*0205	*3925N	*5001	*0602	*1203	SSP
4021	Trachtenberg	*02	*02	*39	*5001/04	*06	*12	RVSSOP
5462	Turner,E.V.	*0201	*0205	*3925N	*5001	*0602	*1203	SSO,SSP,SEQ

	INVESTIGATOR	DNA EXTRACT #432 (Black)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*010101	*020101	*35	*82	*0302/15	*0401/09N/11	RSSO,SSP,SBT
4691	Ali,M.Ashraf	*01	*02	*35	*82	*03	*04	SSO
2300	Allegheny Ge	NT						
745	Anthony Nola	*0101/24	*0201/30	*3504	*8201	*0302	*0401	SSO,SSP,SBT
5133	Baker,Judy	*0101	*0201	*3502	*8202	*0302	*0401/28/30	SSP,SBT
105	Ball,Edward	*0101	*0201/07/15N/30+	*3504	*82	*0302	*0401/15/28+	PCR-SSP
2020	Barnardo,Mar	*0101/04N/22N	*0201/09/43N/66+	*3504	*8201/02	*0302	*0401/09N/28+	SSP,SBT
4345	Blasczyk,Rai	*0101/01N/04N/22N	*0201/01L/09/43N+	*3504	*8201	*0302	*0401/09N/28+	PCR-SBT
5106	Brown,Colin	*01	*02	*3504	*82	*03	*04	
785	Chan,Soh Ha	*0101/04N/14/22N+	*0236/*3604	*350401	*8201	*0302/15	*0401/09N/11+	SBT
3224	Chen,Dongfen	*0101	*0201	*3504	*8201	*0302	*0401	SBT,SSO,SSP
3625	Darke,Christ	*0101	*0201	*35	*82	*0302	*0401/28/30	SBT,PCR-SSP
1108	Davis,Mary	*0101	*0201	*3504	*8201	*0302	*0401	SSO,SSP
5891	Du,Keming	*0101	*0201	*3502/04	*8201/02			PCR-SBT,SSO
3186	Dunckley,Hea	*01	*02	*35	*82	*0302/33/40/42	*04	SSP
3766	Dunn,Paul	*01	*02	*3504/09/83	*8201/02	*03	*04	PCR-SSO
3428	Eckels/Utah	*01	*02	*3504/09/83	*8201/02			SSOP
4251	Ellis,Thomas	*0101	*0201	*3504	*8201	*0302	*0401/30	PCR-SSO,SEQ
762	Fischer&Mayr	*0101	*0201	*3504	*8201	*0302	*0401	
3135	Fischer,John	*0101	*0201/01L	*3504	*8201	*0302	*0401/07/09N	PCR-SSO,SBT
729	Fotino,Maril	*01	*02	*35	*82	*03	*04	
810	Hamdi,Nuha	*01010101	*02010101	*350401	*8201	*030201	*04010101	SSO
1461	Hidajat,Mela	*0101	*0201	*3504	*8202	*0302	*0401	SSO,SSP
615	Holdsworth,R	*01	*02	*35	*82			SSP
2344	Hurley&Hartz	*01010101/010102N+	*02010101/010102L+	*350401	*8201	*030201-0203	*04010101+	SBT,SSOP
797	Kato,Shunich	*0101/01L	*0201/01L	*3504/09/83	*8201/02	*0302/15/33+	*0401/05/07+	SSO,SBT
87	Land,Geoff	*0101	*0201	*3504	*8201	*0302	*0401	SSP,SBT
278	Lee,Jar-How	*0101/11N/16N/18N+	*0201/24/66/83N+	*3504	*8201	*0302/33	*0401/18-20+	SSP,RVSSOP
640	Lee,Kyung Wh	*0101/04N/22N	*0201/09/43N/66+	*3504	*8201	*0302/15	*0401/09N/11+	PCR-SBT
9916	McIntyre,Joh	*01010101	*02010101	*350401	*8201	*0302	*0401/15/28+	SBT,SSP
8021	Montague,Bri	*0101/02/04N/06+	*020101-0104/0106+	*3545/71	*5602/04	*0302/04-06+	*1801/02	PCR-SSP
5323	Murad,Shahna	*01	*02	*35	*82	*(Cw10)	*04	PCR-SSP
733	Mytilineos,J	*01	*02	*35	*82	*03	*04	SSO
8022	Olerup,Olle	*0101	*0201	*3504	*8201	*0302	*0401	SSP
8000	Pahl,Armin	*01	*02	*35	*82			SSO
3648	Pereira,Noem	*01	*02	*35	*82	*03	*04	RVSSO
3966	Permpikul&Ve	*01	*0201	*35	*8201	*0302	*0401	PCR-SSP
2400	Phelan,Donna	*0101	*0201	*3504	*8201/02	*0302	*0401	RVSSO,SSP
3753	Reed,Elaine	*0101/14/*3604	*0201/36/*9201	*3504	*8201	*0302/15	*0401/09N/11+	SBT
3798	Reinsmoen,N	*0101/01N/04N/22N	*02new	*350401	*8201	*0302	*0401/20/28+	SBT,RSSO,SSP
1694	Sauer&Guttwa	*01	*02	*35	*82	*03	*04	SSP
3545	Scornik,Juan	*0101	*0201	*3504	*8201	*0302	*0401/09N/30	RVSSOP,SBT
5096	Seoul Red Cr	*01	*02	*35	*82			PCR-SSO
8042	Shainberg,Br	*01	*02	*35	*82	*03	*04	SSOP,SSP
735	Smith/MI	*0101	*0201	*3504	*8201	*0302	*0401/28/30	SEQ,RSSO,SSP
740	Snider,Denis	*0101	*0201	*3504	*8201	*0302	*0401	SSP
746	Stamm,Luz	*0101	*0201	*3504	*8201/02	*0302	*0401	RVSSO,SSP
13	Tagliere,Jac	*0101	*0201	*350401	*8201	*0302	*0401	SSP
4021	Trachtenberg	*01	*02	*35	*8201/02	*03	*04	RVSSOP
5462	Turner,E.V.	*0101	*0201	*3504	*8201	*0302	*0401	SSO,SSP,SEQ

SUMMARY

Extract 429 (Hispanic)

50 labs

A*01	44%
A*0101/04N/22N	12%
A*0101	36%
A*010101	2%
A*01010101	6%
A*01	100% TOTAL
A*30	36%
A*3002	54%
A*300201	10%
A*30	100% TOTAL

50 labs

B*15	22%
B*1504	76%
B*1535	2%
B*15	100% TOTAL
B*57	26%
B*5703	62%
B*570301	12%
B*57	100% TOTAL

45 labs

Cw*01	38%
Cw*0102	53%
Cw*010201	9%
Cw*01	100% TOTAL
Cw*18	22%
Cw*1801/02	42%
Cw*1801	5%
Cw*1802	31%
Cw*18	100% TOTAL

Extract 430 (Japn/Cauc)

50 labs

A*26	28%
A*2601	4%
A*260101	2%
A*2602	66%
A*26	100% TOTAL
A*69	18%
A*6901	82%
A*69	100% TOTAL

50 labs

B*35	30%
B*3508	56%
B*350801	14%
B*35	100% TOTAL
B*40	28%
B*4006/70	12%
B*4006	46%
B*400601	12%
B*40060101	2%
B*40	100% TOTAL

45 labs

Cw*08	29%
Cw*0801	53%
Cw*080101	16%
Cw*0804	2%
Cw*08	100% TOTAL
Cw*12	27%
Cw*1203	62%
Cw*120301	11%
Cw*12	100% TOTAL

Extract 431 (Caucasian)

49 labs

A*02	49%
A*0201/02/14	6%
A*0201/14	4%
A*0201	35%
A*020101	2%
A*02010101	4%
A*02	100% TOTAL
A*02	41%
A*0205/06/22	6%
A*0205/22	4%
A*0205	49%
A*02	100% TOTAL

49 labs

B*39	37%
B*3915	6%
B*3925N	57%
B*39	100% TOTAL
B*50	21%
B*5001/04	10%
B*5001	69%
B*50	100% TOTAL

44 labs

Cw*06	34%
Cw*0602/11	16%
Cw*0602	43%
Cw*060201	5%
Cw*06020101	2%
Cw*06	100% TOTAL
Cw*12	32%
Cw*1203/04	18%
Cw*1203	43%
Cw*120301	7%
Cw*12	100% TOTAL

Extract 432 (Black)

49 labs

A*01	41%
A*0101/04N/22N	10%
A*0101	41%
A*010101	2%
A*01010101	4%
A*01	98% TOTAL
A*02	51%
A*0201	41%
A*020101	2%
A*02010101	4%
A*02	98% TOTAL

49 labs

B*35	41%
B*3502	2%
B*3504	45%
B*350401	12%
B*35	100% TOTAL
B*82	47%
B*8201	47%
B*8202	4%
B*82	98% TOTAL

44 labs

Cw*03	32%
Cw*0302/15	9%
Cw*0302	57%
Cw*030201	2%
Cw*03	100% TOTAL
Cw*04	66%
Cw*0401	30%
Cw*04010101	2%
Cw*04	98% TOTAL

CTR	INVESTIGATOR NAME	CELL NO.1341 (Hispanic) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*2301	*680301	*3905	*5002	*0401	*0702/50	SSO,SSP,SBT
2020	Barnardo,Mar	*2301/07N	*680301	*3905	*5002	*0401/09N/28/30	*0702/50	SSP,SBT
5106	Brown,Colin	*23	*6803	*3901/05/41	*5002	*04	*07	PCR-SSOP
5232	Charlton,Ron	*2301	*6803	*3905	*5002	*0401	*0702	SSP,RVSSO
4492	Charron,D.	*23	*68	*39	*5002			
798	Claas,F.H.J.	*2301	*680301	*3905	*5002	*0401	*0702	SBT,SSP
3632	Colombe,Beth	*2301	*6803	*3905	*5002	*0401	*0702	SSP
3904	Cooper,Shann	*23	*68	*39	*5002	*04	*07	PCR-SSP
5130	Costeas,Paul	*2301	*6803	*3905	*5002	*0401	*0702	SSO,SSP
779	Daniel,Claud	*23	*68	*39	*5002	*04	*07	PCR-SSP
3625	Darke,Christ	*2301	*6803	*3905	*5002	*0401/28/30	*0702	SBT,PCR-SSP
4269	Dormoy,Anne	*2301	*680301	*3905	*5002	*0401/30	*070201	PCR-SSP,SBT
3186	Dunckley,Hea	*23	*68	*39	*5002	*04	*07	SSP
3766	Dunn,Paul	*23	*6803/24	*39	*5002	*04	*07	SSO
856	Dupont,Bo	*2301/03/07N/08N+	*6803/24	*3901/30/05/11+	*5002	*0401+	*0702/10/17/19+	RVSSO
5214	Eckels/CPMC	*23	*68	*39	*5002	*04	*07	SSOP
2332	Elkhalifa,Mo	*23	*68	*39	*50	*04	*07	RVSSO
4251	Ellis,Thomas	*2301	*6803	*3905	*5002	*0401/30	*0702/50	PCR-SSO,SEQ
762	Fischer&Mayr	*2301/07N/17-19Q	*6803	*3905	*5002	*04	*07	RSSO,SSP,SBT
729	Fotino,Maril	*23	*68	*39	*5002	*04	*07	
810	Hamdi,Nuha	*2301	*680301	*39010101	*5002	*04010101	*07020101	SSO
3808	Hogan,Patric	*23	*6803-05/20/24	*39	*5002	*04	*07	SSP
771	Israel,Shosh	*23	*68	*39	*50	*04	*07	PCR-SSOP
859	Kamoun,Malek	*2301	*6803	*3905	*5002	*0401	*0702	
4337	Kim,Tai-Gyu	*2301	*6803	*3905	*5002	*0401	*0702	SBT
168	Klein,Tirza	*2301	*6803	*3905	*5002	*0401	*0702	PCR-SSP,SSOP
278	Lee,Jar-How	*2301/16	*6803	*3905	*5002	*0401/19/20/24/25	*0702/32N/46/48	SSP,RVSSOP
759	Lefor,W.M.	*2301/03/05/06/12+	*6803/24	*3901/05/27	*5002	*0401/05/07/19+	*0702/38/46/48+	RVSSO
731	Loewenthal,R	*2301	*680301	*3905	*5002	*040101/09N	*070201	
8029	Mani,Rama	*2301	*6801	*3901	*5002			PCR-SSP
792	Moore,S.Brea	*2301/11N/16	*6803	*3905	*5002	*0401	*0702	PCR-SSO,SSP
774	Paik,Young	*23	*6803	*3905/11/17	*5002	*04	*07	SSP,SSOP
4336	Park,Myoung	*23	*6803/24	*39	*5002	*04	*07	RVSSO
16	Pidwell,Dian	*2301/17	*6803	*3905	*5002	*040101/09N/30	*070201/50	RSSO,SBT,SSP
4689	Rajczy,Katal	*2301/03/06/15/16	*6803	*3905/11/27	*5002	*04	*07	PCR-RVSSO,SSP
5200	Reinke,Dennis	*23	*68	*39	*5002	*04	*07	SSP
1160	Rosen-Bronso	*23	*6803/24	*39	*5002	*04	*07	RVSSOP
793	Rubocki,Ron	*23	*68	*39	*5002			
4948	Sage,Deborah	*2301	*6803	*3905	*5002	*0401/04/09N/28+	*0702/37/50	
8001	Sheikh,Maqso	*23	*68	*39	*5002	*04	*07	RVSSOP,SSP
769	Tavoularis,S	*2301/17	*6803	*3905	*5002	*0401/28/30	*0702/50	SSO,SBT,SSP
5451	Tilanus,Marc	*2301	*680301	*3905	*5002	*040101	*070201	SBT
5462	Turner,E.V.	*2301	*6803	*3901	*5002	*0401	*0702	SSO,SSP,SEQ
705	Watkins,Davi	*23	*68	*39	*5002	*04	*0702g	
5670	Wetmore,Mari	*23	*68	*39	*5002	*04	*07	SSP

INVESTIGATOR	CELL NO.1342 (Hispanic)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*020101	*680102	*3901	*3909	*0702/50		SSO,SSP,SBT
2020 Barnardo,Mar	*0201/09/43N/66+	*6801/11N/33	*3901	*3909	*0702/50		SSP,SBT
5106 Brown,Colin	*02	*68	*39		*07		PCR-SSOP
5232 Charlton,Ron	*0201	*6801	*3901	*3909	*0702	*0702	SSP,RVSSO
4492 Charron,D.	*02	*68	*39				
798 Claas,F.H.J.	*020101	*680102	*390101	*3909	*070201		SBT,SSP
3632 Colombe,Beth	*0201	*6801	*3901/09	*3909	*0702		SSP
3904 Cooper,Shann	*02	*68	*3901/31/32/35	*3909	*07		PCR-SSP
5130 Costeas,Paul	*0201/95/97	*6801	*3901	*3909	*0702		SSO,SSP
779 Daniel,Claud	*02	*68		*3909	*07		PCR-SSP
3625 Darke,Christ	*0201//*0204	*6801//*6823	*39		*0702		SBT,PCR-SSP
4269 Dormoy,Anne	*020101	*680102	*3901	*3909	*070201		
3186 Dunckley,Hea	*02	*68	*39		*07		SSP
3766 Dunn,Paul	*02	*68	*39	*3909	*07		SSO
856 Dupont,Bo	*0201+	*6801/03/06/07+	*3901/30/05/11+	*3909	*0701+	*07	RVSSO
5214 Eckels/CPMC	*02	*68	*39	*39	*07	*07	SSOP
2332 Elkhalifa,Mo	*02	*68	*39		*07		RVSSO
4251 Ellis,Thomas	*0201	*6801	*3901	*3909	*0702/50	*0702/50	PCR-SSO,SEQ
762 Fischer&Mayr	*02	*68	*3901	*3909	*0702/50		RSSO,SSP,SBT
729 Fotino,Maril	*02	*68	*39		*07		
810 Hamdi,Nuha	*023501	*6820	*39010101	*39010101	*07020101	*0705	SSO
3808 Hogan,Patric	*02	*68	*39		*07		SSP
771 Israel,Shosh	*02	*68	*39		*07		PCR-SSOP
859 Kamoun,Malek	*0201	*6801	*3901	*3909	*0702		
4337 Kim,Tai-Gyu	*0201	*6801	*3901	*3909	*0702		SBT
168 Klein,Tirza	*0201	*6801	*3909/01	*3909	*0702		PCR-SSP,SSOP
278 Lee,Jar-How	*0201/24/66/83N+	*6801/21/24/32+	*3901/26-28/31+	*3909	*0702/23/25/27/29/32N/33N/42/46+		SSP,RVSSOP
759 Lefor,W.M.	*0201/07/09/18/20+	*6801/07/12/16+	*3901/15/26/27+	*3909	*0702/05/13/23/25+		RVSSO
731 Loewenthal,R	*020101	*680102	*3901	*3909	*070201		
8029 Mani,Rama	*0201	*6801	*39010101	*39010102L			PCR-SSP
792 Moore,S.Brea	*0201	*6801	*3901	*3909	*0702		PCR-SSO,SSP
774 Paik,Young	*02	*68	*39		*07		SSP,SSOP
4336 Park,Myoung	*02	*68	*39		*07		RVSSO
16 Pidwell,Dian	*020101	*680102/11N	*390101	*3909	*070201/50		RSSO,SBT,SSP
4689 Rajczy,Katal	*02	*6801/16/19/21+	*3901/04/09/12/15+		*0702/03/05/13/15+		PCR-RVSSO,SSP
5200 Reinke,Dennis	*02	*68	*39		*07		SSP
1160 Rosen-Bronso	*02	*68	*39		*07		RVSSOP
793 Rubocki,Ron	*02	*68	*39				
4948 Sage,Deborah	*0201	*6801/11N	*3901	*3909	*0702		
8001 Sheikh,Maqso	*02	*68	*39		*07		RVSSOP,SSP
769 Tavoularis,S	*0201	*6801	*3901/01L	*3909	*0702/50		SSO,SBT,SSP
5451 Tilanus,Marc	*020101	*680102	*3901	*3909	*070201		SBT
5462 Turner,E.V.	*0201	*6801	*3901	*3909	*0702		SSO,SSP,SEQ
705 Watkins,Davi	*02	*68	*39		*0702g	*0701g	
5670 Wetmore,Mari	*02	*68	*39		*07		SSP

CTR	INVESTIGATOR NAME	CELL NO.1343 (Chinese) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*020301	*24020101	*070501	*380201	*0702/50/51	*1505	SSO,SSP,SBT
2020	Barnardo,Mar	*020301	*2402/09N/11N+	*0705/06	*380201	*0702/50	*1505	SSP,SBT
5106	Brown,Colin	*0203	*24	*0705/06	*3802/15	*07	*1505	PCR-SSOP
5232	Charlton,Ron	*0203	*2402	*0705	*3802	*0702	*1505	SSP,RVSSO
4492	Charron,D.	*0203	*2402/80/81/83	*0705/06	*3802	*0702	*1505	PCR-SSP
798	Claas,F.H.J.	*020301	*240201	*070501	*380201	*070201	*150502	SBT,SSP
3632	Colombe,Beth	*0203	*2402	*0705	*3802	*0702	*1505	SSP
3904	Cooper,Shann	*0203/25/28	*24	*070501	*38	*07	*15	PCR-SSP
5130	Costeas,Paul	*0203	*2402	*0705	*3802	*0702	*1505	SSO,SSP
779	Daniel,Claud	*020301/0302/25+	*24	*07	*38	*07	*15	PCR-SSP
3625	Darke,Christ	*0203	*2402	*0705/06	*3802	*0702	*1505	SBT,PCR-SSP
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*02	*24	*07	*38	*07	*15	SSP
3766	Dunn,Paul	*0203	*24	*0705/06	*3802/15	*07	*15	SSO
856	Dupont,Bo	*0203/*9217	*2402/09/11N/17+	*0705/06	*3802/08/15	*0702+	*1504-06/09/19+	RVSSO
5214	Eckels/CPMC	*0203	*24	*07	*38	*07	*15	SSOP
2332	Elkhalifa,Mo	*02	*24	*07	*38	*07	*15	RVSSO
4251	Ellis,Thomas	*0203	*2402	*0705/06	*3802	*0702/50	*1505	PCR-SSO,SEQ
762	Fischer&Mayr	*0203	*24	*0705/06	*3802	*07	*15	RSSO,SSP,SBT
729	Fotino,Maril	*02	*24	*07	*38	*07	*15	
810	Hamdi,Nuha	*020301	*24020101	*070501	*380201			SSO
3808	Hogan,Patric	*02	*24	*07	*38	*07	*15	SSP
771	Israel,Shosh	*02	*24	*07	*38	*07	*15	PCR-SSOP
859	Kamoun,Malek	*0203	*2402	*0705	*3802	*0702	*1505	
4337	Kim,Tai-Gyu	*0203	*2402/09N	*0705	*3802	*0702	*1505	SBT
168	Klein,Tirza	*0203	*2402	*0705	*3802	*0702	*1505	PCR-SSP,SSOP
278	Lee,Jar-How	*0203	*2402/58/63/70+	*0705	*3802/15	*0702/39/48	*1505	SSP,RVSSOP
759	Lefor,W.M.	*0203	*2402/14/15/17+	*0705/06	*3802/15	*0702/10/13/19+	*1504-06/09/18+	RVSSO
731	Loewenthal,R	*020301	*240201	*0705	*3802	*070201	*1505	
8029	Mani,Rama	*0201	*2402	*0705	*3801			PCR-SSP
792	Moore,S.Brea	*0203	*2402	*0705	*3802	*0702	*1505	PCR-SSO,SSP
774	Paik,Young	*0203	*24	*0705/06	*3802/15	*07	*15	SSP,SSOP
4336	Park,Myoung	*0203	*24	*0705/06	*3802/08	*07	*1504-06/09	RVSSO
16	Pidwell,Dian	*020301	*240201	*070501	*380201	*070201/50	*1505	RSSO,SBT,SSP
4689	Rajczy,Katal	*0203	*2402/20/21/26+	*0705/06/40/53	*3802/15	*0701-03/05/06+	*1504-06/09/19+	PCR-RVSSO,SSP
5200	Reinke,Dennis	*02	*24	*0705	*38	*07	*15	SSP
1160	Rosen-Bronso	*0203	*24	*0705/06	*3802/15	*07	*15	RVSSOP
793	Rubocki,Ron	*02	*24	*07	*38			
4948	Sage,Deborah	*0203	*2402	*0705/06	*3802	*0702/50	*1505	
8001	Sheikh,Maqso	*02	*24	*07	*38	*07	*15	RVSSOP,SSP
769	Tavoularis,S	*0203	*2402	*0705	*3802	*0702/50	*1505	SSO,SBT,SSP
5451	Tilanus,Marc	*020301	*24020101	*070501	*380201	*070201	*150502	SBT
5462	Turner,E.V.	*0203	*2402	*0705/06	*3802	*0702	*1505	SSO,SSP,SEQ
705	Watkins,Davi	*0203/25/38	*24	*07	*38	*0702g	*1502g	
5670	Wetmore,Mari	*02	*24	*07	*38	*07	*15	SSP

INVESTIGATOR	CELL NO.1344 (Hispanic)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*680201	*290201	*0702	*4403	*0702/50/51	*1601	SSO,SSP,SBT
2020 Barnardo,Mar	*6802	*290201	*0702/18/44/49N+	*4403/54	*0702/50	*1601/06	SSP,SBT
5106 Brown,Colin	*6802/18N/28/34	*2902/04/06/08N+	*07	*4403/26/36/38+	*07	*1601/06/08	PCR-SSOP
5232 Charlton,Ron	*6802	*2904	*0702	*4403	*0702	*1601	SSP,RVSSO
4492 Charron,D.	*6802/40	*2902	*0702	*4403	*0702	*1601	PCR-SSP
798 Claas,F.H.J.	*680201	*290201	*070201	*440301	*070201	*160101	SBT,SSP
3632 Colombe,Beth	*6802	*2902	*0702	*4403	*0702	*1601	SSP
3904 Cooper,Shann	*68	*29	*07	*44	*07	*16	PCR-SSP
5130 Costeas,Paul	*6802	*2902	*0702	*4403	*0702	*1601	SSO,SSP
779 Daniel,Claud	*68	*29	*07	*44	*07	*16	PCR-SSP
3625 Darke,Christ	*6802	*2902	*07	*44	*0702	*1601	SBT,PCR-SSP
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*68	*29	*07	*44	*07	*16	SSP
3766 Dunn,Paul	*68	*29	*07	*44	*07	*16	SSO
856 Dupont,Bo	*6802/18N/27/34+	*2901/02/04/06+	*0702/10/21-23+	*4403/07/13/26+	*0702+	*1601/08/10	RVSSO
5214 Eckels/CPMC	*68	*29	*07	*44	*07	*16	SSOP
2332 Elkhalifa,Mo	*68	*29	*07	*44	*07	*16	RVSSO
4251 Ellis,Thomas	*6802	*2902	*0702	*4403	*0702/50	*1601	PCR-SSO,SEQ
762 Fischer&Mayr	*6802	*2902/06/10	*0702	*4403	*07	*16	RSSO,SSP,SBT
729 Fotino,Maril	*68	*29	*07	*44	*07	*16	
810 Hamdi,Nuha	*6802/18N/34/40	*29010101	*070201	*440301	*07020101	*160101	SSO
3808 Hogan,Patric	*68	*29	*07	*44	*07	*16	SSP
771 Israel,Shosh	*68	*29	*07	*44	*07	*16	PCR-SSOP
859 Kamoun,Malek	*6802	*2902	*0702	*4403	*0702	*1601	
4337 Kim,Tai-Gyu	*6802	*2902	*0702	*4403	*0702	*1601	SBT
168 Klein,Tirza	*6802	*2902	*0702	*4403	*0702	*1601	PCR-SSP,SSOP
278 Lee,Jar-How	*6802/34/40	*2902/10	*0702/35/39/44+	*4403/36/38/39	*0702/25/29/32N+	*1601	SSP,RVSSOP
759 Lefor,W.M.	*6802/34/40	*2901/02/04/06+	*0702/10/21-23+	*4403/13/26/36+	*0702/13/25/29+	*1601/06/08/10	RVSSO
731 Loewenthal,R	*680201	*290201	*070201	*440301	*070201/31	*160101/06	
8029 Mani,Rama	*6801	*2901	*0702	*4402			PCR-SSP
792 Moore,S.Brea	*6802	*2902	*0702	*4403	*0702	*1601	PCR-SSO,SSP
774 Paik,Young	*68	*29	*07	*44	*07	*1601/06/08	SSP,SSOP
4336 Park,Myoung	*6802/18N/34	*29	*07	*44	*07	*1601/06/08	RVSSO
16 Pidwell,Dian	*680201	*290201	*070201//*071802	*440301//*4454	*070201/50//*0731	*160101//*1606	RSSO,SBT,SSP
4689 Rajczy,Katal	*6802/23/34/40	*2901/02/04/06+	*0702/21-23/30+	*4403/26/29/30+	*0702/03/05/13+	*1601/06/08	PCR-RVSSO,SSP
5200 Reinke,Dennis	*68	*29	*07	*44	*07	*16	SSP
1160 Rosen-Bronso	*68	*29	*07	*44	*07	*16	RVSSOP
793 Rubocki,Ron	*68	*29	*07	*44			
4948 Sage,Deborah	*6802	*2902	*0702	*4403	*0702/31	*1601/06	
8001 Sheikh,Maqso	*68	*29	*07	*44	*07	*16	RVSSOP,SSP
769 Tavoularis,S	*6802	*2902	*0702/61	*4403	*0702/50	*1601	SSO,SBT,SSP
5451 Tilanus,Marc	*680201	*290201	*070201	*440301	*070201	*160101	SBT
5462 Turner,E.V.	*6802	*2902	*0702	*4403	*0702	*1601	SSO,SSP,SEQ
705 Watkins,Davi	*68	*29	*07	*4402g	*0702g	*16	
5670 Wetmore,Mari	*(A28)	*29	*07	*(B40/B44)	*07	*16	SSP

Cell 1341 (Hispanic)

45 labs

A*23	62%
A*2301	38%
A*23	100% TOTAL
A*68	31%
A*6803/24	11%
A*6801	2%
A*6803	40%
A*680301	16%
A*68	100% TOTAL

45 labs

B*39	49%
B*3901	4%
B*39010101	2%
B*3905	45%
B*39	100% TOTAL
B*50	4%
B*5002	96%
B*50	100% TOTAL

42 labs

Cw*04	72%
Cw*0401	24%
Cw*040101	2%
Cw*04010101	2%
Cw*04	100% TOTAL
Cw*07	55%
Cw*0702/50	10%
Cw*070201/50	2%
Cw*0702	24%
Cw*070201	7%
Cw*07020101	2%
Cw*07	100% TOTAL

Cell 1342 (Hispanic)

45 labs

A*02	60%
A*0201	25%
A*020101	13%
A*023501	2%
A*02	100% TOTAL
A*68	62%
A*6801	25%
A*680102	11%
A*6820	2%
A*68	100% TOTAL

45 labs

B*39	55%
B*3901	33%
B*390101	5%
B*39010101	5%
B*3909	2%
B*39	100% TOTAL
B*39	40%
B*39010101	2%
B*39010102L	2%
B*3909	56%
B*39	100% TOTAL

42 labs

Cw*07	50%
Cw*0702/50	12%
Cw*070201/50	2%
Cw*0702	24%
Cw*070201	10%
Cw*07020101	2%
Cw*07	100% TOTAL

Cell 1343 ((Chinese)

44 labs

A*02	30%
A*0201	2%
A*0203	52%
A*020301	16%
A*02	100% TOTAL
A*24	59%
A*2402	27%
A*240201	7%
A*24020101	7%
A*24	100% TOTAL

44 labs

B*07	27%
B*0705/06	32%
B*0705	27%
B*070501	14%
B*07	100% TOTAL
B*38	34%
B*3802/15	16%
B*3801	2%
B*3802	34%
B*380201	14%
B*38	100% TOTAL

41 labs

Cw*07	56%
Cw*0702/50	10%
Cw*070201/50	3%
Cw*0702	24%
Cw*070201	7%
Cw*07	100% TOTAL
Cw*15	49%
Cw*1505	46%
Cw*150502	5%
Cw*15	100% TOTAL

Cell 1344 (Hispanic)

44 labs

A*68	52%
A*6801	2%
A*6802	32%
A*680201	12%
A*68	98% TOTAL
A*29	53%
A*2901	2%
A*29010101	2%
A*2902	27%
A*290201	14%
A*2904	2%
A*29	100% TOTAL

44 labs

B*07	59%
B*0702	32%
B*070201	9%
B*07	100% TOTAL
B*44	55%
B*4402	2%
B*4403	32%
B*440301	9%
B*44	98% TOTAL

42 labs

Cw*07	62%
Cw*0702/50	7%
Cw*0702	24%
Cw*070201	5%
Cw*07020101	2%
Cw*07	100% TOTAL
Cw*16	43%
Cw*1601/06/08	10%
Cw*1601/06	5%
Cw*160101/06	2%
Cw*1601	33%
Cw*160101	7%
Cw*16	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		****** CELL NO.1341 **********									********** CELL NO.1342 **********									********** CELL NO.1343 **********									********** CELL NO.1344 **********								
INVESTIGATOR		VIA B	A	A	B	B	C	C	B	(HISP)	VIA B	A	A	B	C	B	(HISP)	VIA B	A	A	B	B	C	B	B	(CHIN)	VIA B	A	A	B	B	C	B	B	(HISP)
NAME	DAYS OLD	%	2	6	3	4	W	W	W	OTHERS	%	2	6	3	W	W	OTHERS	%	2	2	7	3	W	W	W	OTHERS	%	6	2	7	4	W	W	W	OTHERS
			3	8	9	5	4	7	6				8	9	7	6				4		8	7	4	6			8	9		4	7	4	6	
Abbal,M. Pro	3	95	+	+	+	+			+		95	+	+	+		+	B14	96	+	+	+	+		+	+		98		+	+	+	+		+	+	
Alonso,Anton	15	85	+	+	+	+	+		+		90	+	+	+	+	+		85	+		+	+		+	+	A23,CW3	85		+	+	+	+	+	+	
Alvarez,Carr	3	100	+	+16	+	+	+	+			100	+	+	+	+	+		100	+	+	+	+	+	+	+		100		+	+	+	+	+	+	
Anthony Nola	6	99	+	+	+	+					99	+	+	+				99	+	+	+	+					99		+	+	+	+			
Baker,Judy	4	99	+	+	+			+		B49	99	+	+	+		+		99	+	+	+	+		+	+		99		+	+	+	+		+	
Berka,Noured	3	99	+	+16	+	+	+	+			99	+28	+	+		+		99	+	+	+	+	+	+	+		99		+	+	+	+	+	+	
Bow,Laurine	2	99	+28		+	+	+	+		B38,BW4	99	+28	+		+		B14	98	+	+	+	+	+	+	+		98	28	+	+	+	+	+	+	
Burger,Joe	6	99	+28	+	+	+	+	+			99	+28	+	+	+			99	+	+	+	+	+	+	+	CW6	99	28	+	+	+	+	+	+	
Chan MD,Soh	6	95	+	+		+	+	+	+	B38,BW4	95	+		+	+			95	+		+	+	+	+	+	A23,CW6	95		+	+	+	+	+	+	
Charron,D. P	3	97	+	+16	+			+			97	+	+	+		+		97	+	+	+			+	+		97		+	+	+	+		+	
Choo,Yoon MD	3	99	+	+	+	+	+	+	+	BW4	99	+	+	+	+	+		99	+	+	+	+	+	+	+	CW2	99		+	+	+	+	+	+	
Claas,F.H.J.	6	90	+	+	+	+	+	+			90	+28	+	+				90	+	+	+	+	+				90		+	+	+	+	+		
Cooper,E. Sh	2	99	+	+	+	+			+		99	+	+	+		+		99	+	+	+	+		+	+		99		+	+	+	+		+	
Darke,Christ	6	90	+	+	+	+	+	+	+	B39S	90	+	+	+	+	+		90	+	+	+	+	+	+	+	CW2	90		+	+	+	+	+	+	
Du Toit,Erne	10	80	+	+		+			+	B38,BW4	80	+	+	+		+	B64	C									C								
Dunckley,Hea	8	99	+	+	+	+			+		99	+28	+			+		99	+	+	+	+			+	+	99			+	+	+		+	+	A2
Dunk,Arthur	2	98	+28	+	+	+	+	+			98	+28	+	+		+		98	+	+	+	+	+	+	+		98	28	+	+	+	+	+	+	
Dunn,Paul Ph	7	95	+	+	+	+			+		95	+	+	+		+	B64	95	+	+	+	+			+	+	95		+	+	+	+		+	
Eckels/CPMC,	2	95	+	+	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+	+	+	95		+	+	+	+	+	+	
Eckels/Utah,	3	95	+28	+	+	+	+	+	+		95	+28	+	+		+		95	+	+	+	+	+	+	+		99	28	+	+	+	+	+	+	
Esteves Kond	2	98	+	+	+	+	+	+	+	B45V,3905	98	+	+	+	+	+		98	+	+	+	+	+	+	+		98		+	+	+	+	+	+	
Fischer,Joha	6	70	+	+	+	+			+		70	+	+	+		+		70	+	+	+	+			+	+	70		+	+	+	+		+	
Fotino,Maril	3	90	+	+	+	+	+	+	+		90	+	+	+	+	+	B65	90	+	+	+	+	+	+	+		90		+	+	+	+	+	+	
Foxcroft,Z.K	7	90	+28		+			+		B38,BW4	90	+28	+			+		90	+	+	+	+			+	+	90	28	+	+	+			+	
Gideoni,Osna	6	100	+28	+	+	+	+				100	+28	+		+			100	+	+	+	+	+				100		+	+	+	+	+		
Goggins,R.	3	99	+	+	+	+	+	+	+		99	+	+	+		+		99	+	+	+	+	+	+	+		99		+	+	+	+	+	+	
Hahn,Amy B.	3	99	+	+	+	+	+	+	+		99	+	+	+		+	B64	99	+	+	+	+	+	+	+	B67	99		+	+	+	+	+	+	
Harville/ACH	2	98	+	+	+	+	+	+	+		98	+	+	+		+		98	+	+	+	+	+	+	+	CW6	98		+	+	+	+	+	+	
Henrico Doct	6	99	+	+	+	+			+		99	+	+	+		+		95	+	+	+	+			+	+	95		+	+	+	+		+	
Hirankarn MD	6	79	+	+	+	+			+		80	+28	+			+		71	+	+	+	+			+	+	92	28	+	+	+			+	
Hogan,Patric	9	80	+	+	+				+	B50	85	+	+	+		+		80	+	+	+	+	+	+	+		85		+	+	+	+	+	+	
Holdsworth,R	6	99	+	+	+	+			+		99	+	+	+		+		99	+	+	+	+			+	+	98		+	+	+	+		+	
Hubbell,Char	3	95	+	+	+	+			+		95	+28	+			+		95	+	+	+	+			+	+	95		+	+	+	+		+	
Ichikawa MD,	7	???	+	+	+		+		+	B44,BW4	C							???	+	+			+		+	+	B67,B44	???		+		+	+	+	+	A33
Israel,Shosh	5	95	+	+	+	+	+	+	+		98	+28	+		+			98	+	+	+	+	+		+	+	98		+	+	+	+	+	+	
Jaramillo,An	3	98	+	+	+	+		+	+		98	+	+	+	+	+		98	+	+	+	+	+		+	+	98		+	+	+	+	+	+	
Keown,Paul M	2	95	+28	16	+			+			95	+28	+			+	B14	95	+	+	+	+			+	+	95	28	+	+	+			+	
Kim,Kyeong-H	6	95	+		+	+	+	+	+	A69,B38	95	+28	+		+		A31	95	+	+	+	+	+		+	+		???	28		+	+		+		A31
Klein,Jon MD	2	98	+	+	+	+			+		98	+	+	+		+		98	+	+	+	+			+	+	98		+	+	+	+		+	
Klein,Tirza	6	95	+	+	+	+	+	+	+		95	+	+	+	+	+		90	+	+	+	+	+		+	+	95		+	+	+	+	+	+	
Kvam,Vonnett	3	96	+28	+	+	+	+	+	+		92	+28	+		+			98	+	+	+	+	+		+	+	98	28	+	+	+	+	+	+	
Lardy,N.M. D	8	90	+28	+	+			+			90	+28	+		+			90	+	+	+	+	+		+	+	90	28	+	+	+			+	
Lebeck,Laura	2	98	+28	+	+	+	+	+			98	+28	+		+			98	+	+	+	+	+		+	+	98	28	+	+	+	+	+	+	
Lefor,W.M. P	2	99	+	+	+	+	+	+	+		99	+	+	+		+		99	+	+	+	+	+		+	+	B705	99		+	+	+	+	+	+	
Lim,Young Ae	8	90	+	+	+	+	+	+	+		90	+	+	+		+		90	+	+	+	+	+		+	+	CX15	90		+	+	+	+	+	+	CX16
Lo,Raymundo	4	98	+	+		+			+	B38,BW4	98	+	+	+		+	B14	98	+	+	+	+			+	+		98		+	+	+	+		+	
Loewenthal M	6	90	+	+	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+		+	+		89		+	+	+	+	+	+	
MacCann,Eile	2	98	+	+	+	+			+		98	+28	+			+		98	+	+	+	+			+	+		98		+	+	+	+		+	
Mah,Helen	2	98	+	+	+	+	+	+	+	BW4	98	+	+	+	+	+		98	+	+	+	+	+		+	+		98		+	+	+	+	+	+	
McAlack,Robe	2	97	+	+	+	+	+	+	+		98	+	+	+		+	B64	97	+	+	+	+	+		+	+	CX15	97		+	+	+	+	+	+	

INTERNATIONAL CELL EXCHANGE

		****** CELL NO.1341 **********									********** CELL NO.1342 **********									********** CELL NO.1343 **********									********** CELL NO.1344 **********								
INVESTIGATOR		VIAB	A2	A6	B3	B4	CW	CW	B6	(HISP)	VIAB	A2	A6	B3	CW	B6	(HISP)	VIAB	A2	A2	B7	B3	CW	B6	W6	(CHIN)	VIAB	A6	A2	B7	B4	CW	B6	W6	(HISP)
NAME	DAYS OLD	%	38	89	59	45	74	W7	W6	OTHERS	%	28	69	39	W7	W6	OTHERS	%	4	28	77	43	W7	46	W6	OTHERS	%	86	29	74	47	W7	46	W6	OTHERS
McAlack-Bala	2	98	+	+	+	+	+	+	+		99	+	+	+	+	+		98	+	+	+	+	+	+	+	CW6	99	28	+	+	+	+	+	+	
McCluskey,Ja	10	95	+28	+	+			+		BW4	90	+28	+			+		95	+	+	+16	+	+	+	+		95	28	+	+	+	+	+	+	
Meyer,Pieter	10	95	+	+	+	+					80	+	+	+				90	+	+	+	+	+				80		+	+	+	+			
Murad,Shahna	9	98	+28					+		B18,B44	99	+		+	+	+	A33	99	+	+	+	+	+	+	+		NT								
Norin,Allen	2	99	+	+	+	+		+			99	+	+	+		+		99	+	+	+	+		+	+		99		+	+	+	+		+	
Paik,Young K	3	95	+	+	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+	+		95		+	+	+	+	+	+	
Pais,Maria L	8	99	+	+		+				B38	99	+	+	+			B64	99	+	+	+	+					99		+	+	+	+			
Park,Myoung	7	89	+28	+	+	+	+	+			88	+28	+		+			89	+	+	+	+	+	+	+		87	28	+	+	+	+	+	+	
Permpikul,Ve	6	90	+28	+	+			+			90	+28	+			+		90	+	+	+	+		+	+	A203	90	28	+	+	+		+	+	
Phelan,Donna	2	90	+	+	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+	+	+	+	CX15	90		+	+	+	+	+	+	CX16
Pidwell,Dian	2	95	+	+	+	+	+	+	+	B45V	95	+	+	+	+	+		95	+	+	+	+	+	+	+		95		+	+	+	+	+	+	
Pollack,Mari	2	98	+28	+	+	+	+	+			98	+28	+		+	+		98	+	+	+	+	+	+	+		99	28	+	+	+	+	+	+	
Rajczy,Katal	5	95	+28	+	+	+	+	+			95	+28	+		+	+		95	+	+	+	+	+	+	+		95	28	+	+	+	+	+	+	
Rosen-Bronso	2	90	+	+	+	+					90	+	+	+				90	+	+	+	+					90		+	+	+	+			
Rosenberg,J.	2	99	+	+	+	+	+	+	+		99	+	+	+	+	+		99	+	+	+	+	+	+	+		99		+	+	+	+	+	+	
Rubocki,Rona	2	99	+28	16	+			+			99	+28	+			+		98	+	+	+	+		+	+		98	28	+	+	+		+	+	
Sauer,Guttwa	8	95	+	+	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+	+		95		+	+	+	+	+	+	
Semana MD,Gi	9	90	+28	+	+			+			90	+28	+			+	B14	90	+	+	+	+		+	+		90	28	+	+	+		+	+	
Sperry,Roxan	2	98	+28	+	+		+	+		CW6	98	+28	+		+	+		98	+	+	+	+	+	+	+	CW6	98	28	+	+	+	+	+	+	
Stamm,Luz	2	95	+	+	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+	+		95		+	+	+	+	+	+	
Tagliere,Jac	2	100	+	+	+	+	+	+	+		100	+	+	+	+	+		100	+	+	+	+	+	+	+		100		+	+	+	+	+	+	
Tilanus,Marc	6	90	+28	+	+			+			90	+28	+			+		90	+	+	+	+		+	+		90	28	+	+	+		+	+	
Vidan-Jeras,	6	100	+	+	+	+		+			100	+28	+		+	+		100	+	+	+	+	+	+	+		100		+	+	+	+	+	+	
Ward,Osowski	3	98	+	+	+	+	+	+	+		98	+28	+		+	+		98	+	+	+	+	+	+	+		98		+	+	+	+	+	+	
Watkins,Davi	3	90	+28	+02	+	+	+				90	+28	+		+	+		90	+	+	+	+	+	+	+	CW2	90	28	+	+	+	+	+	+	
Wetmore,Mari	7	99	+28	+	+	+	+	+			99	+28	+		+	+		99	+		+	+	+	+	+	A2,CW6	99	28	+	+	+	+	+	+	
Wisecarver,J	6	98	+28		+			+		B38,BW4	98	+28	+			+		98	+	+	+	+		+	+		98	28	+	+	+		+	+	

SUMMARY TABLE

(HISP)
**** CELL 1341 ****
(77 SAMPLES TYPED)
A23 100.0%
(100.0%)

A68 68.8%
A28 29.9%
(98.7%)

B39 83.1%
B16 6.5%
(89.6%)

B45 93.5%
5002 1.3%
(94.8%)

CW4 55.8%

CW7 55.8%

BW6 92.2%

(OTHERS FOUND)
BW4 14.3%
B38 10.4%
B44 2.6%
B45V 2.6%
A68V 1.3%
3905 1.3%
B18 1.3%
B49 1.3%
A69 1.3%
CW6 1.3%
B50 1.3%
B39S 1.3%

(HISP)
**** CELL 1342 ****
(76 SAMPLES TYPED)
A2 100.0%
(100.0%)

A68 55.3%
A28 42.1%
(97.4%)

B39 100.0%
(100.0%)

CW7 61.8%

BW6 92.1%

(OTHERS FOUND)
B14 6.6%
B64 6.6%
A33 1.3%
A31 1.3%
B65 1.3%

(CHIN)
**** CELL 1343 ****
(76 SAMPLES TYPED)
A2 100.0%
(100.0%)

A24 96.1%
(96.1%)

B7 98.7%

B38 96.1%
B16 1.3%
(97.4%)

CW7 65.8%

BW4 92.1%

BW6 92.1%

(OTHERS FOUND)
CW6 7.9%
CW2 3.9%
CX15 3.9%
B67 2.6%
A23 2.6%
A2 1.3%
B44 1.3%
A203 1.3%
CW9 1.3%
CW3 1.3%
B705 1.3%

(HISP)
**** CELL 1344 ****
(75 SAMPLES TYPED)
A68 66.7%
A28 32.0%
(98.7%)

A29 97.3%
(97.3%)

B7 100.0%

B44 100.0%
(100.0%)

CW7 62.7%

BW4 92.0%

BW6 90.7%

(OTHERS FOUND)
CX16 2.7%
A31 1.3%
A33 1.3%
A2 1.3%

*** 77 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: 11/05/2008 **********