REPORT OF THE 341st CELL EXCHANGE

MAY 6, 2009

B-Cell Line	**421-422**
Serum	**985-988**
DNA Extract	**449-452**
Cells	**1360-1364**

B-cell line Exchange

We wish to acknowledge the generous collaboration of **Franz Claas, Leiden University Medical Centre**, **Leiden, The Netherlands**, in offering interesting cells to study in our exchanges.

We are excited to report that a new DQB1*05 allele and a novel DQA1*01 sequence were detected by the participating labs for the cells typed in this month's study.

TER-421. This Australian Aborigine cell was IHL, AD036, a reference cell for DRB1*1414, as correctly identified by Ball. The cell was typed in the workshops as IHW#9124 and was previously studied in the Cell Exchange as TER-235 (1999) and TER-279 (2001), as noted by Ball, Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy.

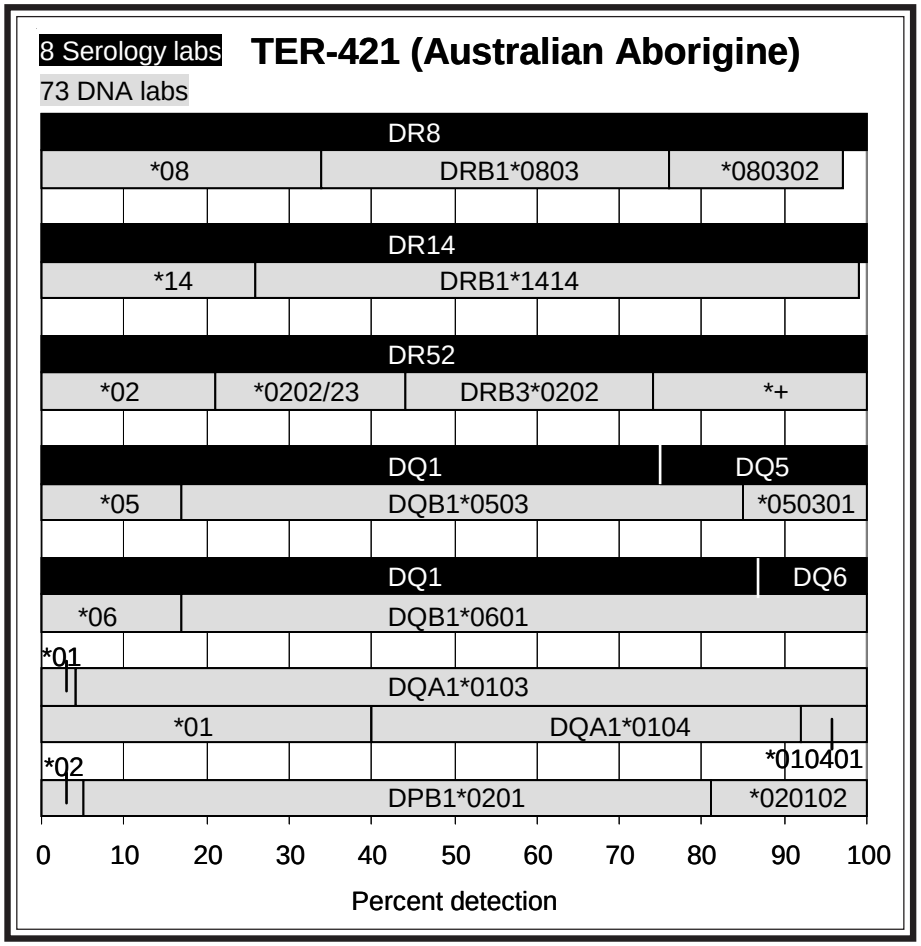
In this present retyping, the rare DRB1*1414 was detected by 74%, at a higher rate than the 52% detection level attained in 2001. DR14 was assigned in complete agreement.

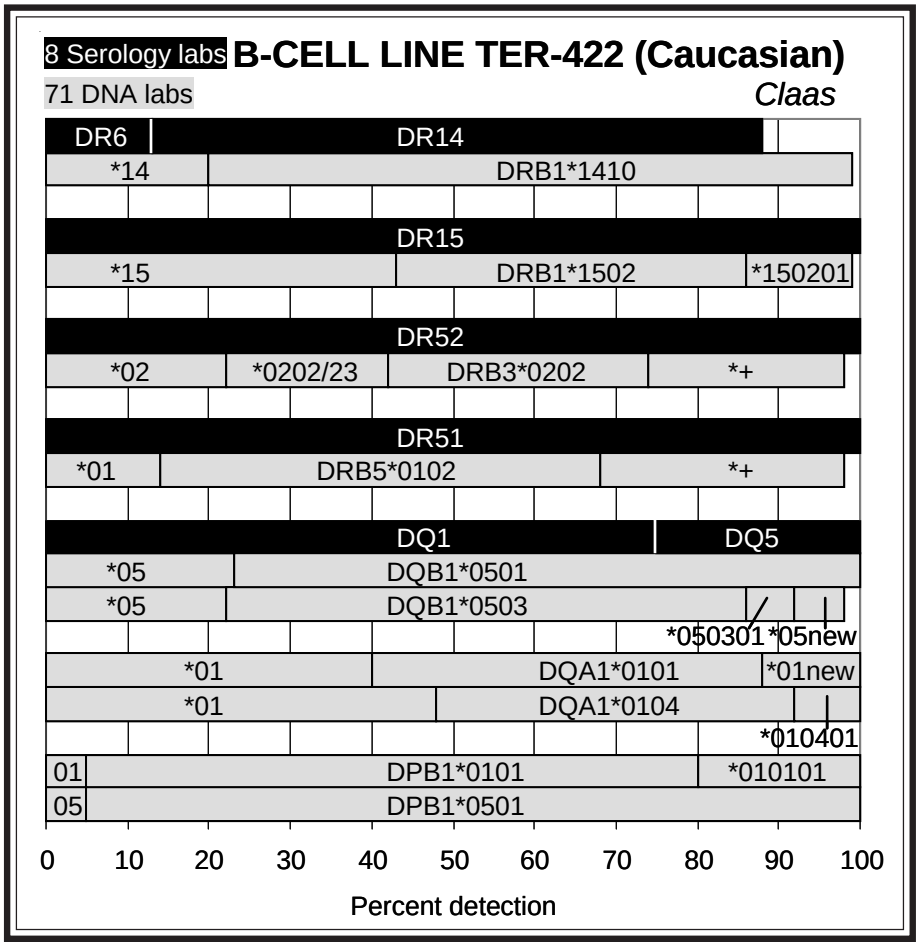
DRB1*0803 was reported by 63%, with 22% assigning DRB1*080302. This DRB1*08 subtype was reported to be found in high frequencies in Australian Aborigine populations (1, 2), as well as in Asian populations. DR8 was assigned in complete consensus.

Lester et al. (1) observed that DRB1*1414 was found on the same haplotype as DRB3*0202-DQB1*0503 -DQA1*0104. The other likely haplotype in this cell was DRB1*0803- DQB1*0601-DQA1*0103, as commonly found in Asian donors.

When studied for class I types as extracts 89 (1999) and 188 (2001), this cell was typed as A*0201, A*3401, B*5602, B*4002, Cw*0102, Cw*1502. A2-B61 and A34-B56 are commonly found in Australian Aborigines.

DPB1*0201 (*020102) was typed in consensus, by 95%, as the sole DPB1 allele.





TER-422. This cell from a Caucasian individual was TER283, which serves as a reference for DRB1*1410, as noted by Ball. It was previously typed as TER-247 (1999) and TER-283 (2001), as correctly identified by Ball, Hahn, Lopez-Cepero, Mah, Stamm, and Tiercy.

In this present retyping, 2 new sequences were detected. Adams, Chen, Ellis, Merenmies, and Reed commented that a novel DQB1*05 variant was present, most similar to DQB1*050101 and DQB1*050301, with only 1 substitution found in exon 3. In addition, a new DQA1 allele was detected by 3 labs (Mayr and Fischer, KW Lee, and Tilanus).

DQB1*0501 (74%) and DQB1*0503 (72%) were assigned. However, Adams commented that there was 1 mismatch from DQB1*050101 and DQB1*050301 at nucleotide position 642 (Ser->Arg); Chen said that DQB1*0501 and DQB1*0503 were assigned by SSP, reverse SSOP, and SBT-exon 2, however, SBT of exon 3 detected A instead of C at position 263; and, Reed noted that the novel sequence was most similar to DQB1*050301, with 1 substitution at codon 182 (AGC->AGA).

Two different DQA1*01 subtypes were present. DQA1*0101 and DQA1*0104 were assigned by 46%. However, Mayr and Fischer, KW Lee, and Tilanus detected a new DQA1*01 variant, finding a substitution at codon 59 (CCG->CCA), at nucleotide position 246, resulting in a silent substitution encoding proline, that is, with no amino acid change. It was not clear whether a variant of DQA1*0101 or DQA1*0104 was present.

The rare DRB1*1410 (80%) was detected by the majority of the labs. DR14 was assigned by 75%.

DR15 (100%) was confirmed as DRB1*1502 (*150201) by 56%.

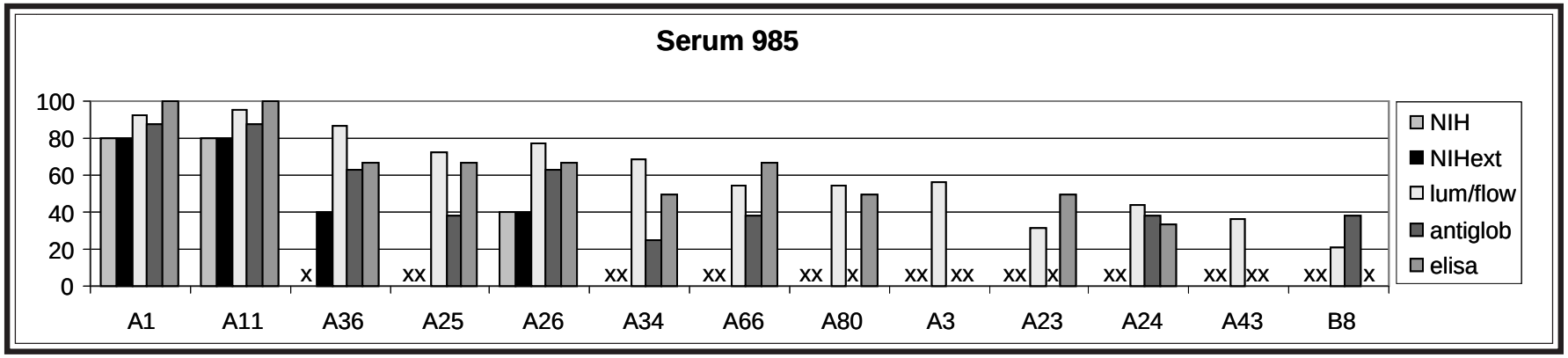
DRB1*1410-DRB3*0202-DQB1*0503var-DQA1*01 and DRB1*1502 (*150201)-DRB5*0102-DQB1*0501-DQA1*01 were the probable associations.

DPB1*0101 (*010101) and DPB1*0501 were assigned in complete consensus.

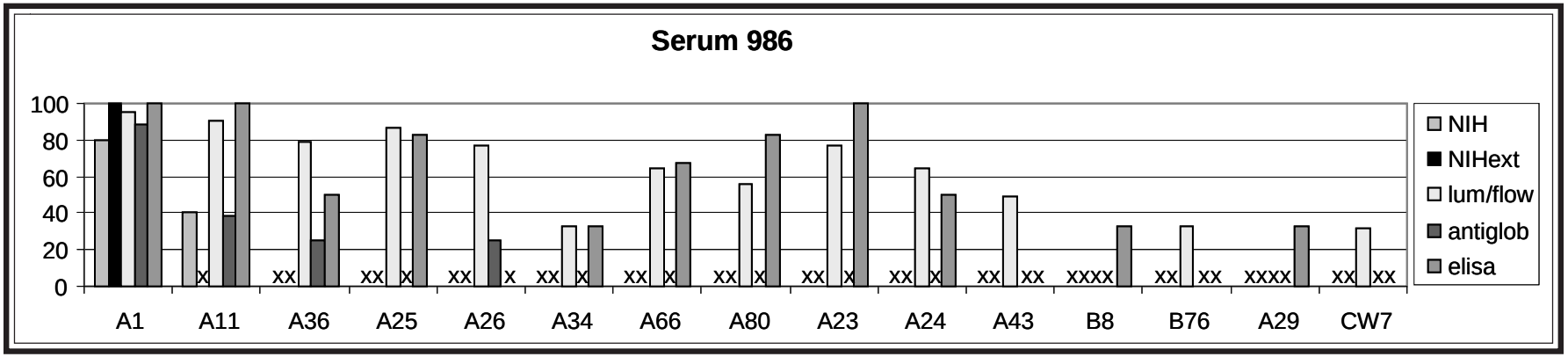
This same cell was also typed for class I, as correctly identified by Ball and Barnardo, as extract 119 (2000): A*1101, A*3303, B*1801, B*5201, Cw*0702, Cw*0704/11.

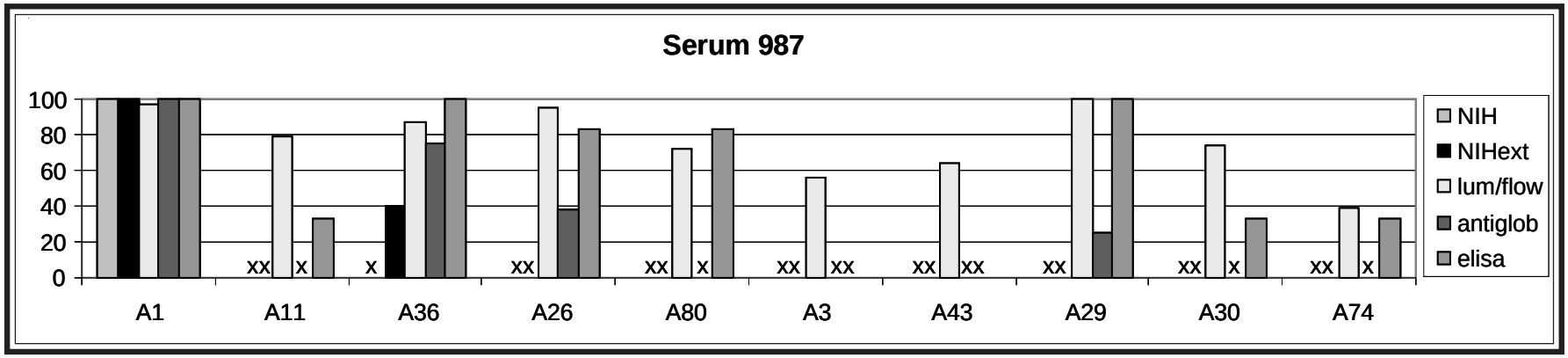
Serum Exchange

This month's exchange study included antibodies reactive to A1, A36, A11, and A10 specificities. A1, A11, and A36 share alanine at position 152, at peptide #7 binding site, whereas threonine at position 149 is shared by the A10 specificities. Positions 149 and 152 in the second domain of the HLA molecule are only 3 angstroms apart.



Sera 985 and **988** were similar in their reactivity patterns, being strongly positive to A1, A11, and A26 by all methods. The 2 sera were also reported to be positive to A36, except by labs using NIH. Labs using Luminex, flow, and ELISA reported reactivity to other A10 specificities, including A25, A34, and A66, as well as being positive to A80. For serum 985, weaker anti-A23 and -A24 reactivity was detected. For serum 988, strong anti-A24 reactivity was detected by Luminex and flow. For both samples, Luminex and flow labs reported anti-A3 reactivity.

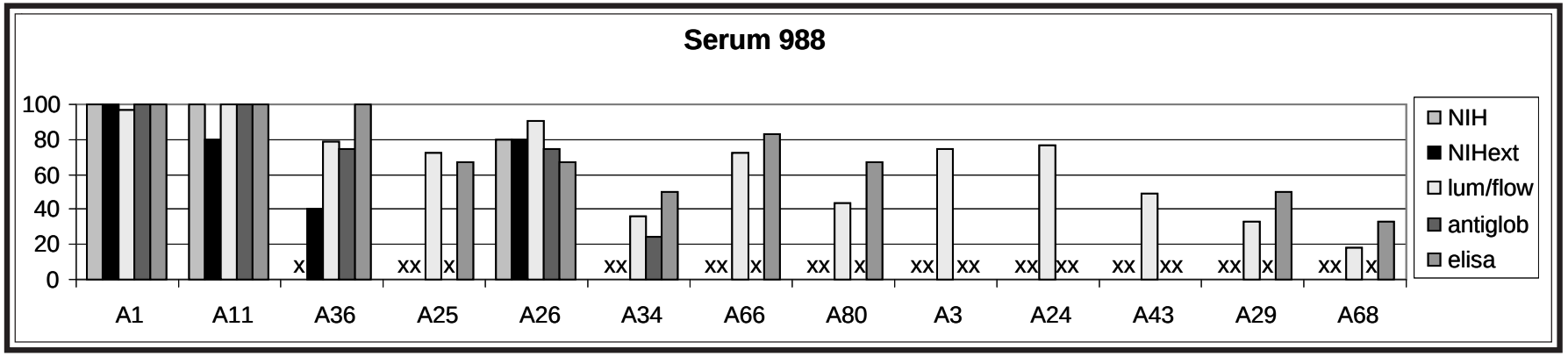




Serum 986 was positive to A1 and A11 by all methods, with the exception of extended NIH that, interestingly, did not detect anti-A11 reactivity. Reactivity to A36 and A10 specificities was reported by antiglobulin, Luminex, flow, and ELISA labs. Luminex, flow, and ELISA labs also reported strong anti-A23 and -A24 reactivity.

Serum 987 was reported as being strongly positive to A1 by all methods, by nearly 100%. By NIH, it reacted as an operatively monospecific anti-A1 antibody. Strong additional reactivity to A36 and A26 was detected by antiglobulin, Luminex, flow, and ELISA. Reactions to A11, A80, and A19 specificities were reported by Luminex, flow, and ELISA labs.

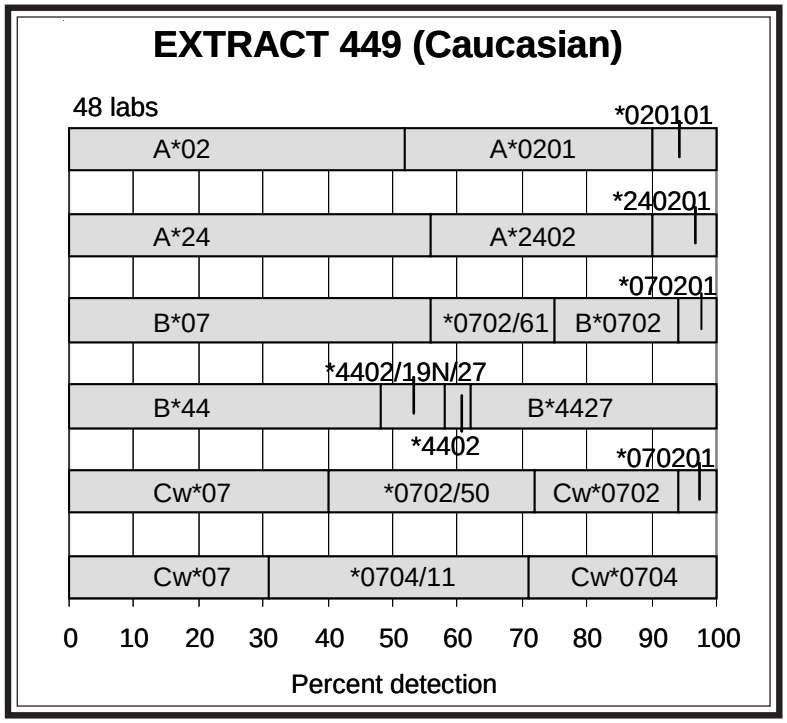
Both sera 985 and 988 were previously tested multiple times. Serum 985 was previously studied as sera 676 (2000), 858 (2005), 907 (2006), and 964 (2008). Serum 988 was previously screened as 857 (2005), 908 (2006), and 930 (2007).



Extract Exchange

We wish to thank **Eric Mickelson and John Hansen, Fred Hutchinson Cancer Research Center, Seattle**, for sharing informative workshop reference cells.

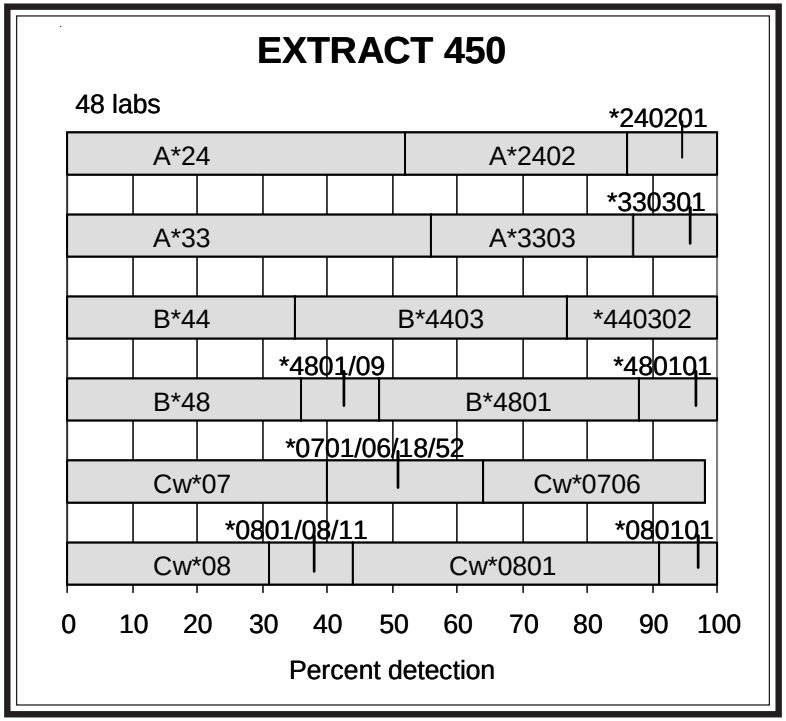
Different Cw*07 alleles (Cw*0702, Cw*0704, Cw*0706, Cw*0718) were examined in this month's study, as well as other interesting variants, including B*4427 and Cw*1802. The study demonstrated the need for typing exons 5 and 6 to resolve among the various Cw*07 and Cw*18 high resolution types.

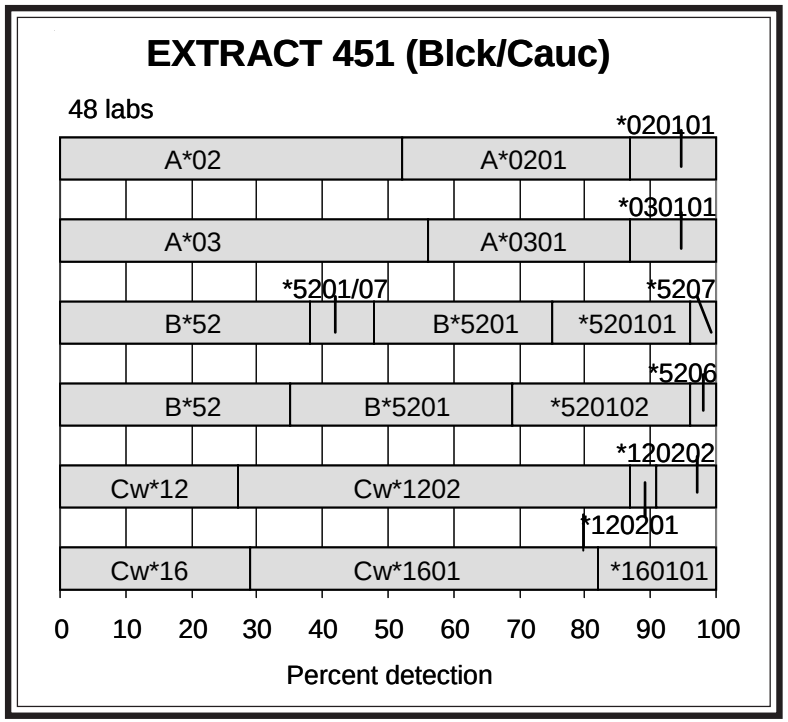


Extract 449. This Caucasian cell was FH48, which serves as a reference cell for B*4427, as correctly identified as Ball, and Moses and Dunckley. It was studied in the workshops as IHW#9436 and was previously typed in the Cell Exchange as extracts 222 (2002) and 299 (2004).

In this present retying, B*4427 was assigned by 39%, an increase over the detection levels of 24% and 10% in 2004 and 2002, respectively. In 2002, 6 labs, including Hauptfeld-Dolejsek, McIntyre, McKenna, Smith, Spier, and Turner correctly reported the then newly recognized B44 variant, which differs by a single nucleotide difference (C->T) at position 668, exon 4 (3), and by 3 differences (positions 900, 916, 985) in exon 5 (4). B*4427 was recently typed in cell 1351 (2008), also from a Caucasian donor.

The likely haplotypes in this cell may be A*0201-B*4427-Cw*0704 and A*2402-B*0702-Cw*0702. The same A*0201-B*4427-Cw*0704 haplotype was also found in cell 1351 and may also be present in 28008 and FH50, 2 other B*4427 reference cells.





Extract 450. This cell with the rare DRB1*1410 was previously studied in the international workshops as IHW#9383, as correctly identified by Ball. It was typed in the Cell Exchange for class II as TER-333 (2003) and TER-377 (2006), as also noted by Ball.

The 13th Workshop lists the class I typing information listed for IHW#9383 as A*2402, A*3303, B*440302, B*4801, Cw*0701, Cw*0801 (5). However, in this present typing, Cw*0706 was assigned by 35% and Cw*070101 by 2%. Also, in 2006, this same cell was typed as DNA#494 in the International HLA DNA Exchange and the consensus typing for the Cw*07 allele was Cw*0706, assigned by 85% whereas 12% reported Cw*0701 (6).

B*4403 (*440302) (65%) and B*4801 (53%) were the B-locus types.

The probable associations were A*3303-B*4403-Cw*0706 and A*2402-B*4801-Cw*0801 in this cell. All previous Cw*0706 exchange cells were found in association with B*4403, and with either A*3301 (cell 1332) or A*3303 (cells 981, 1006, 1143).

The class II typing of this cell was DRB1*0410, DRB1*0701, DRB4*0103, DQB1*0202, DQB1*0402, DQA1*0201, DQA1*0303, DPB1*0101, DPB1*0402.

Extract 451. This donor of mixed Black and Caucasian descent was previously typed as cell 944 in 1997, as identified by Ball and Barnardo.

In this present retyping, 2 different B*5201 subtypes were differentiated by 16 labs, with 13 of them correctly detecting B*520101 (20%) and B*520102 (26%). Eight labs (Albert, E.Dupont, Fernandez-Vina, Mayr and Fischer, Juji, Marsh and Madrigal, Trachtenberg, van den Berg-Loonen) assigned both subtypes in the 1997 typing.

Cw*1202 (74%) and Cw*1601 (*160101) (72%) were well typed. Two labs (Anthony Nolan Trust, Hamdi) assigned Cw*120201 and 4 labs (Adams, Brown, Reinsmoen, Scornik) assigned Cw*120202. B*5201-Cw*1202 is commonly found in Caucasian and Asian populations. The B*5201-Cw*1601 association is common in Black individuals.

Extract 452. This cell from a Black donor was previously typed as cell 1201 in 2004, as correctly identified by Ball, Barnardo, and Moses and Dunckley.

In this present retyping, Cw*0718 was detected in this cell, as assigned by 31%. In the 2004 typing, Cw*0701 was assigned by 14% and Cw*0718 was reported by only 2 labs, Darke and Nikaein. According to Delfino et al. (7), "Cw*0718 differs from the Cw*070101 allele by a unique nucleotide position within exon 6, resulting in an amino acid substitution at codon 324 (Ala->Val) in the cytoplasmic region of the molecule." Cw*0718 was previously found in extract 392 (2007) from a Japanese and Black donor, and in cell 1222 (2004) from a Black individual.

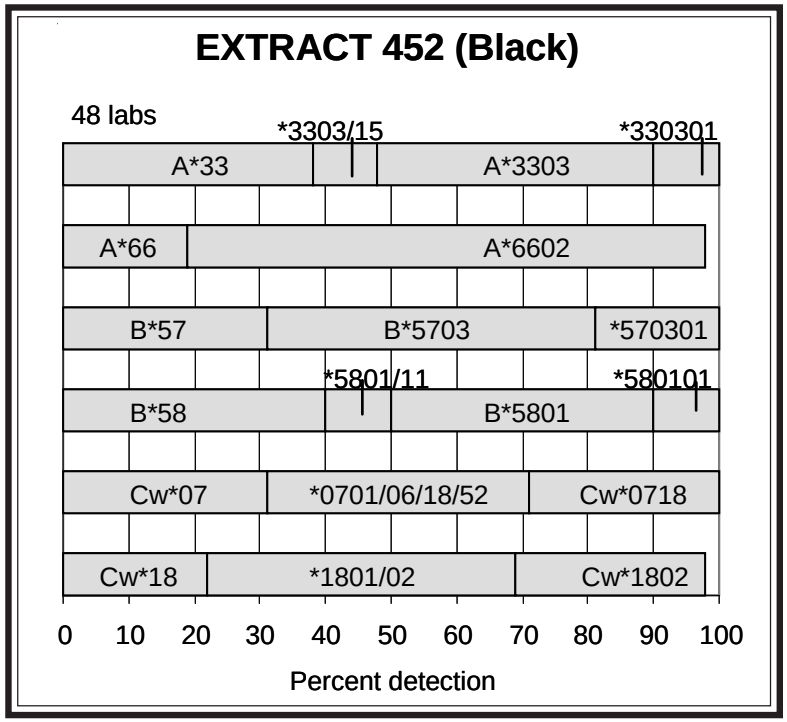
Cw*1802 (30%) was the second C-locus allele. In the 2004 typing, there was no question of Cw*18 (98%); however, Cw*1801 was assigned by 2 labs, Schreuder and Topper, and Cw*1802 was assigned by only 1 lab, Nikaein.

A*6602 was well typed, by 80%.

A*3303 (53%) was the second A-locus allele.

B*5703 (69%) and B*5801 (51%) were the B-locus types.

The likely haplotypes in this cell were A*6602-B*5801-Cw*0718 and A*3303-B*5703-Cw*1802. Both Cw*0718 reference cells, LUMC-C38 and T500PC, were also typed as B*5801. GB32, the only reference cell for Cw*1802, was typed as B*570301. B*5703-Cw*1802 was present in extract 429 (2008), also typed as cell 1318 (2007), from an Hispanic donor, and in cells 1083 (2001) and 1144 (2002), both from Black donors. A*6602-B*5801 has been observed in numerous donors, mainly from Black individuals.



Cell Exchange

Cell 1361. This Caucasian donor was previously typed as cell 1315 in 2007, as correctly commented by a numbers of labs (Barnardo, Brown, Moses and Dunckley, Dunk, Harville, Lopez-Cepero, McAlack).

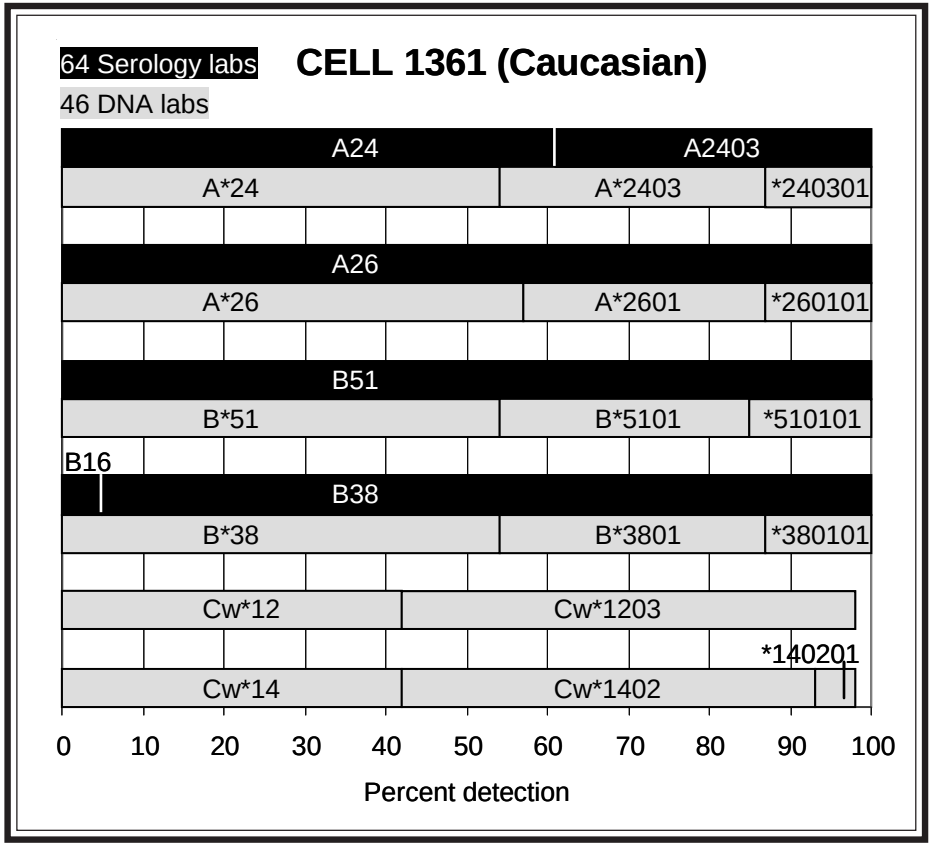
In this present retyping, A24 was assigned in complete consensus, with 39% assigning A2403. Shorter than normal anti-A24 reactivity was observed by Cecka, McCluskey, Pidwell, Pollack, and Sperry. DNA results confirmed A*2403 (47%).

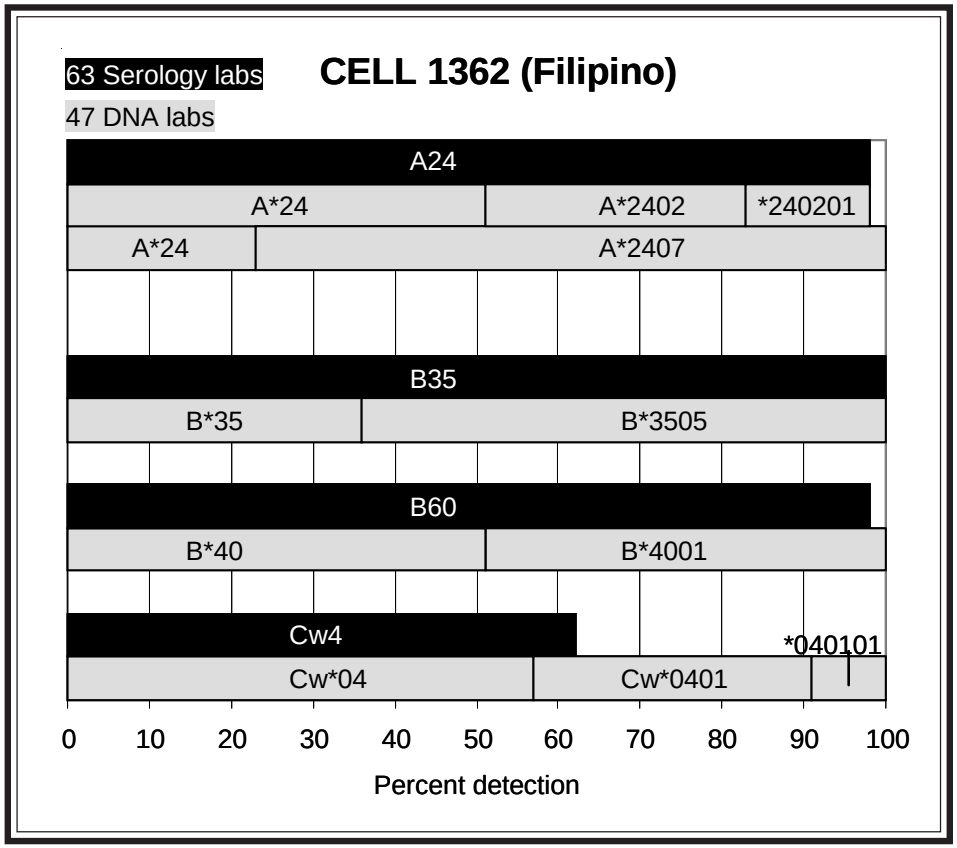
A26 was also typed in complete agreement, verified as A*2601 (*260101) (45%).

B51 (100%) and B38 (95%) were confirmed as B*5101 and B*3801, both assigned by 47%, respectively.

Cw*1203 and Cw*1402 were reported by 57%.

The probable haplotypes in this cell were A*2403-B*5101-Cw*1402 and A*2601-B*3801-Cw*1203. A*2601-B*3801-Cw*1203 was determined to be a frequently found haplotype in U.S. Caucasians, with HF=0.0170 (8).





Cell 1362. This cell from a Filipino individual was well typed as A24, B35, B60, and Cw4.

Two A*24 alleles, A*2402 (47%) and A*2407 (77%) were detected.

B35 (100%) was corroborated as B*3505 by 64%.

B60 (98%) was confirmed as the common B*4001 (49%), assigned by nearly half of the labs.

Cw4 (62%) was verified as the sole C-locus type, as Cw*0401 (*040101), by 43%.

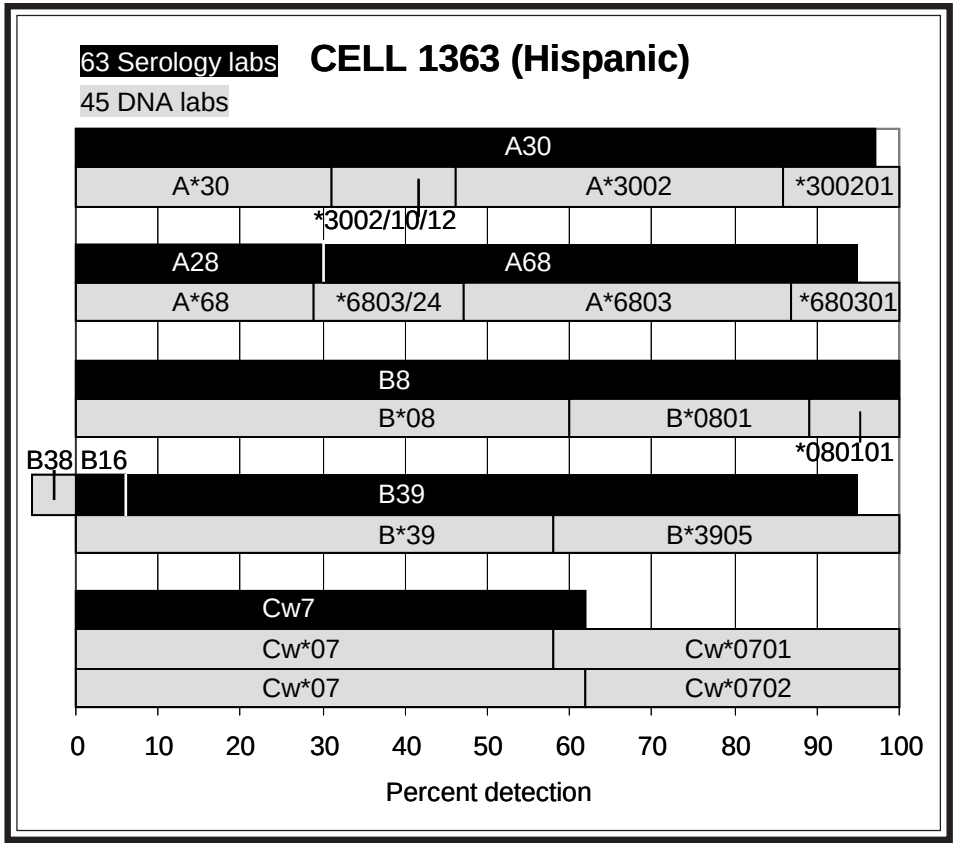
The probable haplotypes in the cell were A*2402-B*4001-Cw*0401 and A*2407-B*3505-Cw*0401. All previous B*3505 exchange cells, including cells 963 (Blck), 1044 (Chin), 1066 (Filp), 1078 (Filp), and 1131 (Filp), as well as extract 304 (Filp), were found in association with both A*2407 and Cw*0401. The B60-Cw4 or B*4001-Cw*0401 association is found in Asian populations.

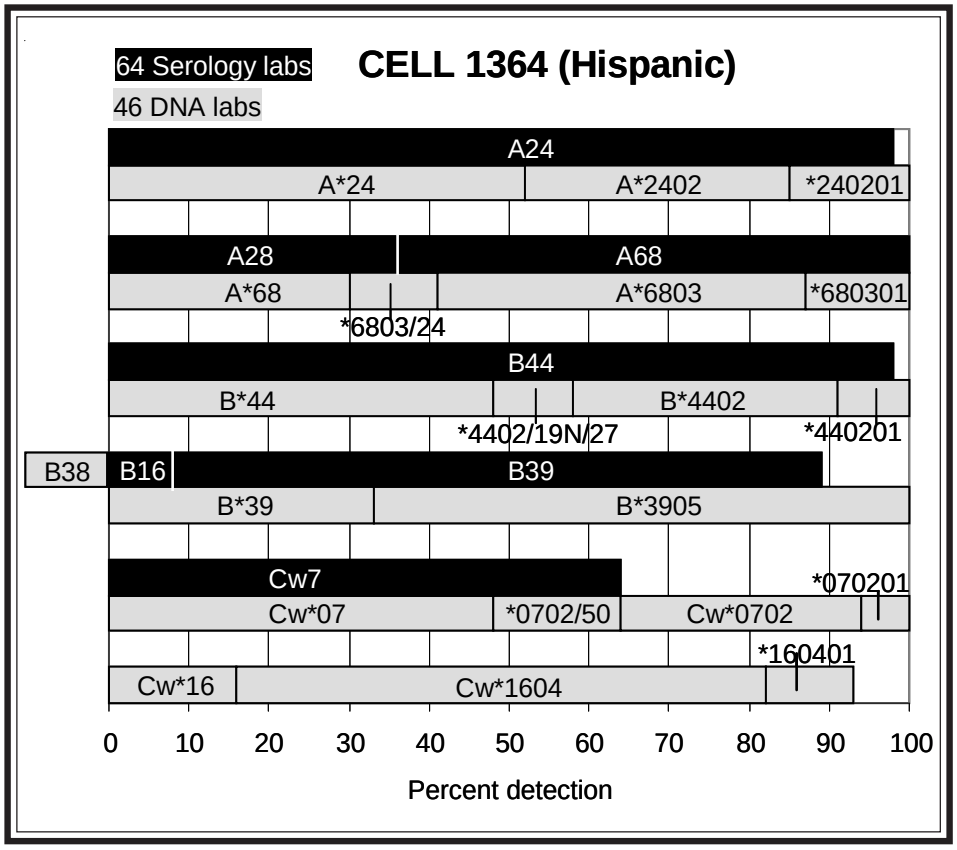
Cell 1363. A variant of B39 was present in this Hispanic cell, as only 89% assigned B39. A number of labs remarked upon observing shorter reactivity with anti-B39 sera and extra reactivity with anti-B38 allosera and monoclonals, reactions typically found with B3905 cells. B38 was misassigned by 5%. B*3905 (45%) was reported by nearly half of the labs.

A30 (95%) and A68 (65%) were confirmed as A*3002 (54%) and A*6803 (53%), respectively.

Cw7 was assigned by 62%. Two different alleles, Cw*0701 (42%) and Cw*0702 (38%) were present.

The probable haplotypes in this cell were A*3002-B*0801-Cw*0701 and A*6803-B*3905-Cw*0702. A*6803-B*3905-Cw*0702 was present in over half (including cells 872, 929, 1098, 1099, 1113, 1246, 1341, and the accompanying cell 1364 in this present study) of the previous 15 B3905 exchange cells, all from Hispanic donors.





Cell 1364. B39 was assigned by only 81%. The same B39 variant, B3905, was present in this Hispanic cell as in cell 1363. B38 was misassigned by 11%. B*3905 was reported 67%. This donor was previously typed as 1328 last year, as correctly identified by Barnardo, Brown, Dunn, Harville, Lopez-Cepero, and McAlack.

B44 was well typed, by 98%, and confirmed as B*4402 (42%).

A24 (98%) and A68 (64%) were corroborated as A*2402 (48%) and A*6803 (59%), respectively.

Cw7 (64%) was validated as Cw*0702 (39%). The other C-locus type was Cw*1604 (77%).

B*3905-Cw*0702 and B*4402-Cw*1604 were the probable B-C loci associations in this cell. B*3905-Cw*0702 was found in all previous B*3905 exchange donors. The B*4402-Cw*1604 association is not as commonly found as either B*4402-Cw*0501 or B*4402-Cw*0704. The likely haplotypes may be A*6803-B*3905-Cw*0702, as also present in cell 1363, and A*2402-B*4402-Cw*1604.

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NEXT MAILING DATE: June 10, 2009

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Park,Yun Mi	Seoul	
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Permpikul & Vejbaesy	Bangkok	
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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
Rees,Dr Tracey	Pontyclun Wale	
Reinke MD,Dennis	Bismarck	ND
Reinsmoen PhD,Nancy	Los Angeles	CA
Rosen-BronGT,	Washington	DC
Rosen-BronMS,	Hyattsville	MD
Rost & Klein,Drs	Martinsried	
Rubocki PhD,Ronald	Scarborough	ME
Sage,Dr Deborah	London England	
Sauer & Gottwald,	Lich	
Schroeder MD,M.L.	Winnipeg	MB
Scornik,Dr Juan C.	Gainesville	FL
Semana MD PhD,Gilber	Rennes	
Senitzer PhD,David	Duarte	CA
Shai,Isaac	Medunsa 0204	
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,Prof Marcel	Maastricht	
Trachtenberg PhD,Eli	Oakland	CA
Trowsdale,Prof John	Cambridge	
Turner PhD,E.V.	Memphis	TN
Tyan,Dr Dolly	Palo Alto	CA
Uhrberg,Dr Markus	Dusseldorf	
Varnavidou-Nico,Dr A	Nicosia	

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

B-CELL LINE TER-421

CTR	DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*080302	*1414		*0503	*0601					SSO,P-SSP
5488	Adams,Sharon	*080302	*1414	*02	*050301	*060101	*0103	*0104	*020102		SBT,RSSO,SSP
2300	Allegheny Ge		*14	*+	*05	*06					RVSSO
5133	Baker,Judy	*08	*14	*+	*05	*06	*0103	*0101/04/05+			SSO,SSP
105	Ball,Edward	*0803/36	*1414	*0202/23	*0503	*0601	*0103	*0104	*0201		P-SSP
2020	Barnardo,Mar	*080302	*1414	*02	*050301	*0601	*0103	*0101/04/05+			P-SSP,SBT
774	Cecka,J.Mich	*080302	*1414	*0202/23	*0503	*0601	*0103	*0104			SSP,SSOP
785	Chan,Soh Ha	*150201	*1408/10	*+	*0503	*0601	*0103	*0101/04/05			SBT
4492	Charron,D.	*0803	*1414	*0202/23	*0503	*0601	*0103	*0104	*0201		
3224	Chen,Dongfen	*0803	*1414	*0202/23	*0503	*0601	*0103	*01			SBT,SSP,SSOP
8021	Clark,Brenda	*0803	*1414	*0107*02	*0503	*0601				*0201	P-SSP,SSO
3632	Colombe,Beth	*0803	*1414	*0202	*0503	*0601					SSP
3904	Cooper,E.Sha	*080302	*1414	*020201+	*050301	*0601					P-SSP
5130	Costeas,Paul	*0803/33	*1414	*0202	*0503	*0601	*0103	*0104			SSP
779	Daniel,Claud	*08	*140501-0503/14+	*01-*03	*05	*06					P-SSP
5219	Daniel,Dolly	*08	*14	*02							P-SSOP
8052	Del Pozo,Ana	*08	*14								SSO
5323	Dhaliwal,J.S	*0803/27/29+	*1414	*0202/23	*05	*06					
5891	Du,Keming	*0803/14	*1414		*0503	*0601					P-SBT
856	Dupont,Bo	*0823	*1414	*+	*0503	*0601					SSO
5214	Eckels/CPMC	*08	*14	*02	*0503	*0601	*0103	*01			SSOP
3428	Eckels/Utah	*0803	*1414		*0503	*0601			*0201	*0201	SSOP
4251	Ellis,Thomas	*0803	*1414	*0202/12	*0503	*0601			*0201	*0201	P-SSO,SEQ
3135	Fischer,John	*0803	*1414	*0202	*0503	*0601			*0201		SBT,P-SSP
762	Fischer/Mayr	*0803	*1414	*0202	*0503	*0601	*0103	*0104			RSSO,SSP,LBT+
8043	Gideoni,Osna	*0803	*1414		*0503	*0601					SSOP,SSP
910	Hahn,Amy B.	*0803	*1414	*0202/23	*0503	*0601					SSP
4691	Hajeer,Ali	*08	*13	*+	*05	*06					SSO
810	Hamdi,Nuha	*080302	*1414		*050301	*060101					SSO
4269	Hanau,Daniel	*080302	*1414	*020201	*0503	*0601			*0201		P-SSP,SBT
1461	Hidajat,M.	*0803	*1414	*0202	*0503	*0601			*0201	*0201	SSO,SSP
2344	Hurley/Hartz	*080302	*1414		*050301	*060101/0103			*020102		SBT,SSOP
771	Israel,Shosh	*0803	*1414		*0503	*0601					RVSSO,SSP
748	Jaramillo,An	*08	*14	*+	*05	*06					P-SSP
859	Kamoun,Malek	*0803	*1414	*0202	*0503	*0601	*0103	*0101/04/05+			P-SSO,SSP
797	Kato,Shunich	*0803/23/27+	*1414/36		*0503	*0601					SSO
4337	Kim,Tai-Gyu	*0803	*1414		*0503	*0601			*0201		SBT
168	Klein,Tirza	*0803	*1414		*0503	*0601					P-SSO,SSP
87	Land,Geoffre	*0803	*1414	*0202	*0503	*0601	*0103	*0104	*0201	*0201	SSP,SSO,SBT
725	Lardy,N,M.	*08	*14	*+	*05	*06	*0103	*0104			SSO,SSP
278	Lee,Jar-How	*080302	*1414	*0202	*050301	*0601	*0103	*0101/04/05+	*0201		SSP,RVSSOP
640	Lee,Kyung Wh	*0803	*1414		*0503	*0601	*0103	*010401			P-SBT
6649	Lim,Young Ae	*08	*14	*+							P-SSP
274	Lo,Raymundo	*08	*14	*+	*05	*06					SSP
731	Loewenthal,R	*0803	*1414		*050301	*0601					SBT,SSO,SSP
759	Lopez-Cepero	*0803/23/27+	*1414/36		*0503	*0601	*0103	*0101/04/05+	*0201/*1802		RVSSO
23	Mah,Helen	*0803	*1414	*02	*0503	*0601	*0103	*01			SSO
8029	Mani,Rama	*08	*14	*+	*05	*06					P-SSP
9916	McIntyre,Joh	*0803	*1414	*0202/23	*0503	*0601					SBT,SSP
794	Merenmies,Ju	*0803	*1414	*0202	*0503	*0601	*0103	*0104	*0201		SBT,SSO,SSP
792	Moore,S.Brea	*0803	*1414	*0202	*0503	*0601	*0103	*0104			P-SSO,SSP
5096	Park,Yoon Mi	*08	*14								RVSSO
3648	Pereira,Noem	*080302	*1414		*0503	*0601					RSSO,SSP,SBT
3966	Permpikul&Ve	*0803	*1414	*0202	*0503	*0601					P-SSP
2400	Phelan,Donna	*0803	*1414	*02	*0503	*0601					RSSO,SSP,SBT
4689	Rajczy,Katal	*080302/36	*1414	*0202	*0503	*0601					P-SSP,SSO
3753	Reed,Elaine	*0803/14	*1414	*0202/23	*0503	*0601	*0103	*0101/04/05+			SBT,SSO,SSP

B-CELL LINE TER-421

CTR	DIRNAME	DRB1	DRB1X	DRB3	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3625	Rees,Tracey	*0803	*1414	*02	*0503	*0601	*0103	*0104	*0201		P-SSP,SBT
3798	Reinsmoen,N	*080302	*1414	*0202/23	*050301	*0601	*0103	*0104	*0201		SBT,SSOP,SSP
1160	Rosen-BronGT	*0803/23/27+	*1414	*02	*0503	*0601					SSP,RVSSO
793	Rubocki,Rona	*08	*14	*+	*05	*06					P-SSP
8042	Shainberg,Br	*0803	*1414		*0503	*0601					SSP,SSOP
8001	Sheikh,Maqso	*0803	*1414	*0202/23	*0503	*0601					RVSSOP,SSP
735	Smith/MI	*08	*14	*+	*05	*06	*01	*01	*02		RVSSOP,SSP
746	Stamm,Luz	*080302	*1414	*02	*0503	*0601					RVSSO,SSP
13	Tagliere,Jac	*080302	*1414	*0202	*0503	*0601					SSP
747	Tiercy,Jean-	*080302	*1414	*0202	*050301	*060101/03			*020102		SSO,SSP,SBT
5451	Tilanus,Marc	*080302	*1414	*020201	*050301	*0601	*0103	*010401	*020102		SBT
4021	Trachtenberg	*08	*14	*02	*0503	*0601					RVSSO
5462	Turner,E.V.	*0803	*1414	*0202/23	*0503	*0601			*0201		SSO,SSP,SEQ
5642	Varnavidou-N	*080302	*1414	*+	*050301	*0601					P-SSP
705	Watkins,Dav	*0803	*1414	*02	*0503	*0601					SSO,SEQ
3511	Zeevi,Adrian	*0803	*1414	*0202	*0503	*0601	*0103	*0104	*0201		RVSSOP,SSP

CTR	DIRNAME	DR8	DR14	DR52	DQ1	DQ1X	OTH1	OTH2
4492	Charron,D.	+	+	+	+		DR4	DR53
3904	Cooper,E.Sha	+	+	+	+			
910	Hahn,Amy B.	+	+	+	+		DR4,DR9	DR53,DR12
4908	Kvam,Vonnett	+	+	+	DQ5	DQ6		
54	McAlack,Robe	+	+	+	+			
8004	Pais,Maria L	+	+	+	DQ5			
2400	Phelan,Donna	+	+	+	+			
793	Rubocki,Rona	+	+	+	+			

B-CELL LINE TER-421 (Australian Aborigine)

73 DNA LABS

73 LABS REPORTING DRB1	
DRB1*08	33%
DRB1*0803	41%
DRB1*080302	22%
DRB1*0823	1%
DRB1*08	97% TOTAL
DRB1*14	25%
DRB1*1414	74%
DRB1*14	99% TOTAL

69 LABS REPORTING DQB1	
DQB1*05	16%
DQB1*0503	68%
DQB1*050301	16%
DQB1*05	100% TOTAL
DQB1*06	16%
DQB1*0601	81%
DQB1*060101	3%
DQB1*06	100% TOTAL

56 LABS REPORTING DRB3	
DRB3*+	27%
DRB3*0202	27%
DRB3*020201	4%
DRB3*02	21%
DRB3*0202/23	21%

26 LABS REPORTING DQA1	
DQA1*01	4%
DQA1*0103	96%
DQA1*01	100% TOTAL
DQA1*01	42%
DQA1*0104	50%
DQA1*010401	8%
DQA1*01	100% TOTAL

22 LABS REPORTING DPB1	
DPB1*02	5%
DPB1*0201	77%
DPB1*020102	18%
DPB1*02	100% TOTAL

8 SEROLOGY LABS

DR8	100%
DR14	100%
DR52	100%

DQ1	75%
DQ5	25%
DQ6	13%

B-CELL LINE TER-422

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
4079	Abbal,M.	*1410	*1502			*0501	*0503					SSO,P-SSP
5488	Adams,Sharon	*1410	*150201	*02	*01	*05	*05new	*0101	*0104	*010101	*0501	SBT,RSSO,SSP
2300	Allegheny Ge	NT										
5133	Baker,Judy	*14	*15	*+	*+	*05		*01				SSO,SSP
105	Ball,Edward	*1410	*1502/29/30	*0202	*0102	*0501	*0503	*0101	*0104	*0101	*0501	P-SSP
2020	Barnardo,Mar	*1410	*150201	*02	*01	*050101	*050301	*0101/04/05/07				P-SSP,SBT
774	Cecka,J.Mich	*1410	*1502/26			*0501	*0503	*0101	*0104			SSP,SSOP
785	Chan,Soh Ha	*1414	*080302	*+		*0501	*0503	*0101/04/05				SBT
4492	Charron,D.	*1410	*1502	*0202/23	*0102	*0501	*0503	*0101	*0104	*0101	*0501	
3224	Chen,Dongfen	*1410	*1502	*0202/23	*0102	*0501/03	*05new	*01				SBT,SSP,RSSO
8021	Clark,Brenda	*1410	*1502	*0107/*02	*01/*02	*0501	*0503			*0101	*0501	P-SSP,SSO
3632	Colombe,Beth	*1410	*1502	*0202	*0102	*0501	*0503					SSP
3904	Cooper,E.Sha	*1410	*1502/26/29/30	*020201+	*0102	*0501						P-SSP
5130	Costeas,Paul	*1410	*1502/14	*0202	*0102	*0501	*0503	*0101	*0104			SSP
779	Daniel,Claud	*1410/61	*15	*01-*03	*010101-13/*02+	*05						P-SSP
5219	Daniel,Dolly	*14	*15	*02	*02/*01							P-SSOP
8052	Del Pozo,Ana	*1410	*15									SSO
5323	Dhaliwal,J.S	*1410	*1502/14/19/26	*0202/23	*0102	*05						
5891	Du,Keming	*1410	*1502/19			*0501	*0503					P-SBT
856	Dupont,Bo	*1410	*1502	*+	*+	*0501	*0503					SSO
5214	Eckels/CPMC	*1410	*15	*02	*01	*0501	*0503	*01	*01			SSOP
3428	Eckels/Utah	*1410	*1502			*0501	*0503			*0101	*0501	SSOP
4251	Ellis,Thomas	*1410	*1502	*0202/12	*0102	*05	*05			*0101	*0501	P-SSO,SEQ
3135	Fischer,John	*1410	*1502	*0202	*0102	*0501	*0503			*0101	*0501	SBT,P-SSP
762	Fischer/Mayr	*1410	*1502/19	*0202	*0102/08N	*0501	*0503	*01new	*0101/04			RSSO,SSP,LBT+
8043	Gideoni,Osna	*1410	*1502			*0501	*0503					SSOP,SSP
910	Hahn,Amy B.	*1410	*1502/19/26/29+	*0202/23	*0102	*0501	*0503					SSP
4691	Hajeer,Ali	*14	*15	*+	*+	*05	*05					SSO
810	Hamdi,Nuha	*1410	*150201			*050101	*050101					SSO
4269	Hanau,Daniel	NT										
1461	Hidajat,M	*1410	*1502	*0202	*0102	*0501	*0503			*0101	*0501	SSO,SSP
2344	Hurley/Hartz	*1410	*150201			*050101	*050301			*010101	*0501	SBT,SSOP
771	Israel,Shosh	*1410	*1502			*0501	*0503					RVSSO,SSP
748	Jaramillo,An	*14	*15	*+	*+	*05						P-SSP
859	Kamoun,Malek	*1410	*1502	*0202	*0102	*0501	*0503	*0101/04/05/07				P-SSO,SSP
797	Kato,Shunich	*1410	*1502/08/14+			*0501	*0503					SSO
4337	Kim,Tai-Gyu	*1410	*1502			*0501	*0503			*0101	*0501	SBT
168	Klein,Tirza	*1410	*1502			*0501	*0503					P-SSO,SSP
87	Land,Geoffre	*1410	*1502	*0202	*0102	*0501	*0503	*0101	*0104/05	*0101	*0501	SSP,SSO,SBT
725	Lardy,N,M.	*04	*15		*+	*05		*0101	*0104			SSO,SSP
278	Lee,Jar-How	*1410	*1502	*0202	*0102	*0501	*0503	*0101/04/05/07		*0101	*0501	SSP,RVSSOP
640	Lee,Kyung Wh	*1410	*1502			*0501	*0503	*010101v	*010401v			P-SBT
6649	Lim,Young Ae	*14	*15	*+	*+							P-SSP
274	Lo,Raymundo	*1404	*15	*+	*+	*05						SSP
731	Loewenthal,R	*1410	*150201			*050101	*0501/03					SBT,SSO,SSP
759	Lopez-Cepero	*1410	*1502/08/14/26			*0501	*0503	*0101/04/05/07		*0101	*0501	RVSSO
23	Mah,Helen	*1410	*1502	*0202/12/23	*0102/08N/10N	*0501	*0503	*01	*01			SSO
8029	Mani,Rama	*14	*15	*+	*+	*05	*05					P-SSP
9916	McIntyre,Joh	*1410	*150201	*0202/23	*0102	*0501	*0503					SBT,SSP
794	Merenmies,Ju	*1410	*1502/19	*0202	*0102	*0501/03	*05new	*0101	*0104	*0101	*0501	SBT,SSO,SSP
792	Moore,S.Brea	*1410	*1502	*0202	*0102	*0501	*0503	*0101	*0104			P-SSO,SSP
5096	Park,Yoon Mi	*14	*15									RVSSO
3648	Pereira,Noem	*1410	*150201			*0501	*0503					RSSO,SSP,SBT
3966	Permpikul&Ve	*1410	*1502	*0202	*0102	*0501	*0503					P-SSP
2400	Phelan,Donna	*1410	*1502	*02	*0102	*0501	*0503					RSSO,SSP,SBT
4689	Rajczy,Katal	*1410	*1502/29/30	*0202	*0102	*0501	*0503					P-SSP,SSO
3753	Reed,Elaine	*1410	*1502/19	*0202/23	*0102	*050101	*05new	*0101/04+	*0101/04+			SBT,SSO,SSP

B-CELL LINE TER-422

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3625	Rees,Tracey	*1410	*1502	*02	*01	*0501	*0503	*0101	*0104	*0101	*0501	P-SSP,SBT
3798	Reinsmoen,N	*1410	*150201	*0202/23	*0102	*0501	*050301	*0101	*0104	*0101	*0501	SBT,SSOP,SSP
1160	Rosen-BronGT	*1410	*1502/08/14/26	*02	*01	*0501	*0503					SSP,RVSSO
793	Rubocki,Rona	*14	*15	*+	*+	*05						P-SSP
8042	Shainberg,Br	*1410	*1502			*0501	*0503					SSP,SSOP
8001	Sheikh,Maqso	*1410	*1502/26	*0202/23	*0102	*0501	*0503					RVSSOP,SSP
735	Smith/MI	*14	*15	*+	*+	*05	*05	*01		*01	*05	RVSSOP,SSP
746	Stamm,Luz	*1410	*1502	*02	*01	*0501	*0503					RVSSO,SSP
13	Tagliere,Jac	*1410	*1502	*0202	*0102	*0501	*0503					SSP
747	Tiercy,Jean-	*1410	*150201	*0202	*0102	*0501	*0503			*010101	*0501	SSO,SSP,SBT
5451	Tilanus,Marc	*1410	*150201	*020201	*0102	*050101	*050301	*01new	*010401	*010101	*0501	SBT
4021	Trachtenberg	*14	*15	*02	*01/*0203	*0501	*0503					RVSSO
5462	Turner,E.V.	*1410	*1502	*0202/23	*0102	*0501	*0503			*0101	*0501	SSO,SSP,SEQ
5642	Varnavidou-N	*1410	*1502	*+	*+	*0501	*050301					P-SSP
705	Watkins,Dav	*1410	*1502	*02	*+	*0501/03						SSO,SEQ
3511	Zeevi,Adrian	*1410	*1502	*0202	*0102	*0501	*0503	*0101	*0104	*0101	*0501	RVSSOP,SSP

CTR	DIRNAME	DR14	DR15	DR52	DR51	DQ1	OTH1	OTH2
4492	Charron,D.	DR6	+	+	+	+		
3904	Cooper,E.Sha	+	+	+	+	+		
910	Hahn,Amy B.	+	+	+	+	+		
4908	Kvam,Vonnett	+	+	+	+	DQ5		
54	McAlack,Robe	+	+	+	+	+		
8004	Pais,Maria L		+	+	+	DQ5	DR13	
2400	Phelan,Donna	+	+	+	+	+		
793	Rubocki,Rona	+	+	+	+	+		

B-CELL LINE TER-422 (Caucasian)

71 DNA LABS

71 LABS REPORTING DRB1		
DRB1*14	15%	
DRB1*1404	2%	
DRB1*1410	80%	
DRB1*1414	2%	
DRB1*14	99%	TOTAL
DRB1*15	42%	
DRB1*1502	42%	
DRB1*150201	14%	
DRB1*15	98%	TOTAL

53 LABS REPORTING DRB3		
DRB3*+	24%	
DRB3*0202	30%	
DRB3*020201	2%	
DRB3*02	23%	
DRB3*0202/23	19%	

53 LABS REPORTING DRB5		
DRB5*+	30%	
DRB5*0102	53%	
DRB5*01	15%	

67 LABS REPORTING DQB1		
DQB1*05	22%	
DQB1*0501	69%	
DQB1*050101	9%	
DQB1*05	100%	TOTAL
DQB1*05	19%	
DQB1*0503	64%	
DQB1*050301	8%	
DQB1*05new	6%	
DQB1*05	97%	TOTAL

26 LABS REPORTING DQA1		
DQA1*01	42%	
DQA1*0101	46%	
DQA1*01new	8%	
DQA1*010101v	4%	
DQA1*01	100%	TOTAL
DQA1*01	50%	
DQA1*0104	42%	
DQA1*010401	4%	
DQA1*010401v	4%	
DQA1*01	100%	TOTAL

21 LABS REPORTING DPB1		
DPB1*01	5%	
DPB1*0101	76%	
DPB1*010101	19%	
DPB1*01	100%	TOTAL
DPB1*05	5%	
DPB1*0501	95%	
DPB1*05	100%	TOTAL

8 SEROLOGY LABS

DR6	13%	
DR13	12%	
DR14	75%	
DR6	100%	TOTAL
DR15	100%	
DR52	100%	
DR51	100%	

DQ1	75%	
DQ5	25%	
DQ1	100%	TOTAL

	%	%	A		A	A	A	A	A	A	A		%	%	A	A	A	A	A	A	A	A	A		
	POS	8'S	1	A	3	2	2	3	8	6	A	2		POS	8'S	1	1	2	3	2	2	2	8	6	4		METHOD
			SERUM NO. 985													**SERUM NO. 986**											
Abbal,Michel	???	???	+	+	+	+	+	+		+	+	+	A23	???	???	+	+	+	+	+	+	+		+	+	A34	(3)
Alvarez & Ca	96	???											???	34	0	+				+						B75	(3)
Baker,Judy	38	???	+	+	+	+								16	???	+											(4)
Berka,Noured	94	???	+	+	+	+		+	+		+		A43,B8,A30	72	???	+	+	+		+	+	+			+	6601,6602,A34	(3)
Burger,Joe	52	100	+	+	+	+	+	+		+	+		B76,BW6	20	100	+	+	+	+	+	+	+		+		A34,B76	(3)
Cantwell,Lin	???	???	+	+	+	+	+		+		+		B76,B73,A43	???	???	+	+	+	+	+	+		+			CW7,6601,B73	(3)
Cecka,J.Mich	86	???	+	+	+							+	A10,B8,B35	36	???	+	+			+							(4)
Choo,Yoon MD	90	26	+	+	+	+	+		+	+			A23	45	33	+	+	+		+			+	+			(5)
Cohen,JHM Pr	91	???	+	+	+				+		+		A9,A10,BW6	73	???	+	+	+	+	+	+		+			2402	( )
Cooper,E. Sh	60	71	+	+	+	+	+	+					A32,A33,A68	10	???											???	(4)
Dunckley,Hea	39	67	+	+		+								37	27	+	+				+						(1)
Dunk,Arthur	37	100	+	+	+			+						15	80	+			+								(6)
Dunn,Dale Dr	30	14	+	+	+									38	0	+				+			+	+			(4)
Dunn,Paul Dr	46	100	+	+		+	+	+						28	100	+	+									A34	(2)
Eckels/CPMC,	97	???											MULTI	48	???	+	+		+							A34	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+			+	B73,B8	???	???	+		+	+	+	+	+	+			CW7,B73,B76	(3)
Esteves Kond	0	0												4	???											A74	(1)
Esteves-Kond	99	100	+	+	+	+	+			+	+	+	A23,A74	78	60	+	+	+		+	+	+		+			(3)
Gautreaux,Mi	100	???	+	+	+	+	+	+					A43,A23	86	???	+	+	+	+	+	+	+			+		(3)
Gideoni,Osna	96	100	+	+	+				+		+	+	A30,A31,A23>	84	100	+	+	+	+		+	+			+	B47,B8,B42	(3)
Hahn,Amy B.	60	93	+	+	+	+		+		+		+		19	100	+			+								(4)
Hamdi,Nuha D	93	100	+					+				+	B61,B75,B39>	47	100		+	+	+		+		+		+	CW7,B76	(3)
Han,Hoon Dr	67	???	+	+	+	+	+	+		+				65	???	+	+	+	+					+		A34	(3)
Harville,Ter	???	???	+	+		+	+	+		+		+	A23,A43	???	???		+	+	+	+	+	+	+	+	+	A34	(3)
Hogan,Patric	23	14	+	+										21	29	+											(1)
Israel,Shosh	18	100	+	+	+									18	100	+											(2)
Klein,Jon MD	96	???	+	+	+	+	+	+		+		+	A23,A74	88	???	+	+	+	+	+		+		+		A34,A74,A29	(5)
Klein,Tirza	96	100	+	+	+				+		+	+	A30,A23,A31,B7	76	100	+	+	+		+		+	+			B7,B8,B51,B52	(3)
Lardy,N.M. D	18	86	+											31	100	+										B8	(2)
Leech MD,Ste	100	100	+	+	+	+		+					B8,CX18,A101>	100	100	+	+									6601,1512,CW7>	(3)
Loewenthal M	100	100	+	+	+	+	+	+			+	+	6601	86	100	+	+	+			+					B41,6601,6602>	(3)
MacCann,Eile	100	???	+	+	+				+		+		A10,A43,A9,A30	90	???	+	+		+	+		+	+		+	A10,A3,A29	(3)
Mah,Helen	???	???	+	+	+	+	+		+		+		B76,B71,B73	???	???	+	+	+	+	+	+		+		+	B73,B76	(3)
McAlack,Robe	60	0	+	+	+	+	+	+	+	+				13	0	+	+	+	+	+		+	+	+			(5)
McAlack-Bala	94	100	+	+	+	+	+	+	+	+				50	100	+	+	+	+	+	+		+	+			(3)
McCluskey,Ja	51	75	+	+										51	71	+	+									B18	(6)
Meyer,Pieter	96	???											B59,B56,B54,B7>	69	???	+	+	+	+	+	+	+	+	+		CX15	(3)
Moore,S.Brea	58	???	+	+	+	+	+	+	+	+			B73	19	???	+	+	+	+	+		+				B73,B76	(3)
Mpuntsha,Loy	82	100	+	+			+						A32,B18,B45>	70	100	+	+	+		+			+	+		B8,B82	(5)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+				6601,B76,B73	???	???	+	+	+	+	+	+		+			B76,B73,6601	(3)
Pais,Maria L	24	50		+										6	???											???	( )
Pereira,Noem	???	???	+	+	+	+	+		+	+			B73,B76,B8	???	???	+	+	+	+	+	+	+	+			B76,B73	(3)
Permpikul &	37	79	+	+										11	80	+										A28	(1)
Phelan,Donna	98	???	+	+	+				+		+		A10,B8,B39,B64>	62	???	+	+	+	+	+	+	+	+	+		A34	(6)
Pidwell,Dian	66	100	+	+	+	+						+	6601,A23,B8>	26	88	+			+								(2)
Rees,Tracey	???	???	+	+	+	+	+	+		+		+	2403,A23	???	???	+	+	+	+	+	+	+		+	+	A34	(3)
Rosen-BronGT	97	100	+	+	+	+	+	+		+	+	+	A23	78	100	+	+	+		+	+	+	+	+	+	A34	(3)
Rosen-BronMS	92	???	+	+	+	+	+	+	+		+		6601,B76	79	???	+	+	+	+	+	+		+			CW7,B76,B73	(3)
Sage,Deborah	100	???	+	+	+		+	+		+	+		A9,2601,A43	95	???	+	+	+	+		+				+	A9,A34,6601>	(3)
Sinnott & Gu	50	???	+	+	+	+	+		+	+	+	+	A23	22	???	+	+	+	+	+	+	+	+	+	+		(3)
Smith/MI,	96	???	+	+	+	+	+	+	+	+		+	A43	71	???	+	+	+	+	+	+	+		+	+	B60	(3)
Suciu-Foca,N	74	65	+	+		+	+				+		A10	30	47	+	+										(1)
Tagliere,Jac	24	71		+										20	67	+											(2)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+		A23	???	???	+	+	+	+	+	+	+	+		+	A34	(3)

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

*** 54 TYPING LABS ***			*** 54 TYPING LABS ***		
A1	89%	0.937	A1	91%	0.934
A11	89%	0.888	A11	72%	0.754
A36	70%	0.982	A25	59%	0.957
A26	59%	0.849	A36	57%	0.944
A25	52%	1.000	A23	56%	0.964
A34	48%	0.972	A26	50%	0.816
A80	37%	1.000	A24	41%	0.862
A3	33%	1.000	A80	39%	1.000
A66	33%	1.000	A66	30%	1.000
A24	30%	0.873	A43	26%	1.000
A23	24%	0.926	A34	24%	1.000
A43	17%	1.000	B76	15%	1.000
B8	15%	1.000	B73	13%	1.000
B73	11%	1.000	6601	11%	1.000
B76	11%	1.000	B8	9%	1.000
A10	9%	1.000	CW7	9%	1.000
6601	7%	1.000	6602	4%	1.000
A30	7%	1.000	???	4%	1.000
A9	6%	1.000	A29	4%	1.000
B65	6%	0.800	A74	4%	0.750
A31	4%	1.000			
A32	4%	1.000			
A74	4%	1.000			
BW6	4%	1.000			
B7	4%	1.000			
B18	4%	1.000			
B39	4%	1.000			

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

*** 54 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: All

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

	% POS	% 8'S	A 1 1	A 2 6		% POS	% 8'S	A 1 1		METHOD
Dunckley,Hea	39	67	+	+ +		37	27	+	+ A26	(1)
Esteves Kond	0	0				4	???		A74	(1)
Hogan,Patric	23	14	+	+		21	29	+		(1)
Permpikul &	37	79	+	+		11	80	+	A28	(1)
Suciu-Foca,N	74	65	+	+ + A3,A10,A25		30	47	+	+	(1)

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

*** 5 TYPING LABS ***

A11	80%	0.820	A1	80% 0.775
A1	80%	0.743	A11	40% 0.400
A26	40%	0.300	A74	20% 0.500
A3	20%	1.000	A28	20% 0.400
A10	20%	1.000	A26	20% 0.333
A25	20%	1.000		

*** 5 LABORATORIES REPLIED ***

Method: NIH-std

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

	% POS	% 8'S	A 1 1	A 3 6	A 2 6		% POS	% 8'S	A 1		METHOD
Dunn,Paul Dr	46	100	+	+	+ A25,A34		28	100	+	A11,A34	(2)
Israel,Shosh	18	100	+	+ +			18	100	+		(2)
Lardy,N.M. D	18	86	+				31	100	+	B8	(2)
Pidwell,Dian	66	100	+	+ +	+ 6601,A23,A24,B8,B65		26	88	+	A36	(2)
Tagliere,Jac	24	71		+			20	67	+		(2)

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

*** 5 TYPING LABS ***

A1	80%	0.947	A1	100% 0.893
A11	80%	0.708	A11	20% 1.000
A26	40%	1.000	A34	20% 1.000
A36	40%	1.000	B8	20% 1.000
6601	20%	1.000	A36	20% 0.500
A25	20%	1.000		
A34	20%	1.000		
B8	20%	1.000		
A24	20%	0.750		
A23	20%	0.667		
B65	20%	0.667		

*** 5 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: NIH-ext

	%	%	A 1	A 1	A 3 6	A 2 6	A 2 5	A 3 4	A 3	A 8 0	A 6 6	A 2 4		%	%	A	A 1 1	A 2 5	A 3 6	A 2 6	A 2 3	A 2 4	A 8 0	A 4 3	A 6 6		
	POS	8'S	1	1	6	6	5	4	3	0	6	4		POS	8'S	1	1	5	6	6	3	4	0	3	6		METHOD
Abbal,Michel	???	???	+	+	+	+	+	+	+		+	+	A23	???	???	+	+	+	+	+	+	+		+	+	A34	(L-3)
Alvarez & Ca	96	???											???	34	0	+					+					B75	(F-3)
Baker,Judy	96	???	+	+	+	+	+	+	+	+				65	???	+	+	+	+	+			+			A34,B47	(L-3)
Berka,Noured	94	???	+	+	+	+		+	+	+			A43,B8,A30	72	???	+	+	+		+	+	+		+		6601,6602,A34	(L-3)
Burger,Joe	52	100	+	+	+	+	+	+	+		+		B76,BW6	20	100	+	+	+	+	+	+	+			+	A34,B76	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+		+	+			B76,B73,A43	???	???	+	+	+	+	+	+		+			CW7,6601,B73	(L-3)
Cecka,J.Mich	98	???	+	+	+	+	+	+	+			+	A23,A43	51	???	+	+	+	+	+	+	+		+	+	A34	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+		+	+			B76,B8,B73	???	???	+	+	+	+	+	+		+		+	CW7,B76	(L-3)
Eckels/CPMC,	94	???	+	+	+	+	+	+	+			+	A23,A30	74	???	+	+	+	+	+	+		+	+		A34,6601	(LF-3)
Elkhalifa MD	???	???	+	+	+	+	+	+		+		+	B73,B8	???	???	+		+	+	+	+	+	+			CW7,B73,B76	(L-3)
Esteves-Kond	99	100	+	+	+	+	+		+		+	+	A23,A74	78	60	+	+	+		+	+	+			+		(F-3)
Gautreaux,Mi	100	???	+	+	+	+	+	+					A43,A23	86	???	+	+	+	+	+	+	+		+			(L-3)
Gideoni,Osna	96	100	+	+	+				+	+		+	A30,A31,A23>	84	100	+	+	+	+	+		+		+		B47,B8,B42	(L-3)
Hamdi,Nuha D	93	100	+					+				+	B61,B75,B39>	47	100		+	+	+	+			+	+		CW7,B76	(L-3)
Han,Hoon Dr	67	???	+	+	+	+	+	+			+			65	???	+	+	+	+						+	A34	(L-3)
Harville,Ter	???	???	+	+		+	+	+			+	+	A23,A43	???	???		+	+	+	+	+	+	+	+	+	A34	(L-3)
Hogan,Patric	46	???	+	+	+			+			+	+	B76,CX18,B8>	19	???	+	+		+			+		+	+	CW7,CX12,B76>	(L-3)
Klein,Tirza	96	100	+	+	+				+	+		+	A30,A23,A31,B7	76	100	+	+	+			+	+	+			B7,B8,B51,B52	(L-3)
Leech MD,Ste	100	100	+	+	+	+		+					B8,CX18,A101>	100	100	+	+									6601,1512,CW7>	(F-3)
Loewenthal M	100	100	+	+	+	+	+	+	+	+		+	6601	86	100	+	+	+		+						B41,6601,6602>	(L-3)
MacCann,Eile	100	???	+	+	+				+	+			A10,A43,A9,A30	90	???	+	+		+		+	+	+	+		A10,A3,A29	(L-3)
Mah,Helen	???	???	+	+	+	+	+		+	+			B76,B71,B73	???	???	+	+	+	+	+	+		+	+		B73,B76	(L-3)
McAlack-Bala	94	100	+	+	+	+	+	+		+	+			50	100	+	+	+	+	+	+		+		+		(L-3)
McCluskey,Ja	99	???	+	+	+	+		+			+			88	???	+	+		+			+			+	A34	(L-3)
Meyer,Pieter	96	???											B59,B56,B54,B7>	69	???	+	+	+	+	+	+	+	+		+	CX15	(L-3)
Moore,S.Brea	58	???	+	+	+	+	+	+		+	+		B73	19	???	+	+	+	+		+	+				B73,B76	(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+		+			6601,B76,B73	???	???	+	+	+	+	+	+		+			B76,B73,6601	(L-3)
Pereira,Noem	???	???	+	+	+	+	+			+	+		B73,B76,B8	???	???	+	+	+	+	+	+	+	+			B76,B73	(L-3)
Permpikul &	???	100	+	+		+	+		+			+	B8,B64,B62,B75	???	100	+	+	+		+	+	+	+			B73,B76	(L-3)
Phelan,Donna	51	???	+	+	+	+	+		+	+			A43,B73,B76	19	???	+		+	+	+	+	+	+		+	B73,B76	(L-3)
Pidwell,Dian	???	???	+	+	+			+		+	+	+	CW7,A43,CW4	???	???	+		+			+	+	+	+	+	CW7,B76,CW8	(F-3)
Rees,Tracey	???	???	+	+	+	+	+	+			+	+	2403,A23	???	???	+	+	+	+	+	+	+		+	+	A34	(L-3)
Rosen-BronGT	97	100	+	+	+	+	+	+	+		+	+	A23	78	100	+	+	+		+	+	+	+	+	+	A34	(F-3)
Rosen-BronMS	92	???	+	+	+	+	+	+	+	+			6601,B76	79	???	+	+	+	+	+	+		+			CW7,B76,B73	(LF-3)
Sage,Deborah	100	???	+	+	+		+	+	+		+		A9,2601,A43	95	???	+	+	+	+	+				+		A9,A34,6601>	(L-3)
Sinnott & Gu	50	???	+	+	+	+	+		+	+	+	+	A23	22	???	+	+	+	+	+	+	+	+	+	+		(L-3)
Smith/MI,	96	???	+	+	+	+	+	+		+	+	+	A43	71	???	+	+	+	+	+	+			+	+	B60	(L-3)
Suciu-Foca,N	???	100	+	+	+	+	+	+	+	+	+		A43	???	100	+	+	+	+	+	+	+	+	+	+		(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+		A23	???	???	+	+	+	+	+	+	+	+	+		A34	(L-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

*** 39 TYPING LABS ***			*** 39 TYPING LABS ***		
A11	95%	1.000	A1	95%	1.000
A1	92%	1.000	A11	90%	1.000
A36	87%	1.000	A25	87%	0.952
A26	77%	0.952	A36	79%	1.000
A25	72%	1.000	A23	77%	0.977
A34	69%	0.968	A26	77%	0.975
A3	56%	1.000	A24	64%	0.917
A80	54%	1.000	A80	56%	1.000
A66	46%	1.000	A43	49%	1.000
A24	44%	1.000	A66	46%	1.000
A43	36%	1.000	A34	33%	1.000
A23	31%	0.950	B76	33%	1.000
B76	23%	1.000	B73	23%	1.000
B8	21%	1.000	CW7	21%	1.000
B73	21%	1.000	6601	18%	1.000
A30	13%	1.000	B8	8%	1.000
6601	8%	1.000	6602	5%	1.000
A9	5%	1.000	B47	5%	1.000
A31	5%	1.000			
B7	5%	1.000			
B75	5%	1.000			
CX18	5%	1.000			

*** 39 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: Luminex/Flow

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

	% POS	% 8'S	A 1 1	A 3 6	A 2 6	B 8	A 6 6	A 2 5	A 2 4	A 3 4		% POS	% 8'S	A 1 1	A 3 6	A 2 6		METHOD
Baker,Judy	38	???	+	+	+	+						16	???	+				(4)
Cecka,J.Mich	86	???	+	+	+		+		+		A10,B35	36	???	+	+		+	(4)
Cooper,E. Sh	60	71	+	+	+	+		+		+	A32,A33,A68	10	???				???	(4)
Dunn,Dale Dr	30	14	+	+	+							38	0	+			A24,A23,A80	(4)
Eckels/CPMC,	97	???									MULTI	48	???	+	+	+	A34	(4)
Hahn,Amy B.	60	93	+	+	+	+		+		+	+	19	100	+		+		(4)
Mah,Helen	75	86	+	+		+	+	+	+		B7,B41,B64,B65	29	58	+				(4)
Suciu-Foca,N	86	68	+	+		+	+	+	+	+	A3,A23	30	44	+	+		+	A25 (4)

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

*** 8 TYPING LABS ***

A1	88%	0.979
A11	88%	0.932
A36	63%	1.000
A26	63%	0.895
A25	38%	1.000
A66	38%	1.000
B8	38%	1.000
A24	38%	0.760
A34	25%	1.000
A3	13%	1.000
A10	13%	1.000
A23	13%	1.000
A32	13%	1.000
A33	13%	1.000
A68	13%	1.000
B7	13%	1.000
B35	13%	1.000
B41	13%	1.000
B64	13%	1.000
B65	13%	1.000
MULTI	13%	1.000

*** 8 TYPING LABS ***

A1	88%	0.886
A11	38%	0.563
A36	25%	1.000
A26	25%	0.667
???	13%	1.000
A25	13%	1.000
A34	13%	1.000
A80	13%	1.000
A23	13%	0.667
A24	13%	0.600

*** 8 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: Antiglobulin

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

	% POS	% 8'S	A 1 1	A 1	A 6 6	A 3 6	A 2 6	A 2 5	A 8 0	A 3 4	A 2 3	A 2 4		% POS	% 8'S	A 2 3	A 1 1	A 1	A 8 0	A 2 5	A 6 6	A 3 6	A 2 4	B 8	A 3 4		METHOD
Choo,Yoon MD	90	26	+	+	+	+	+	+	+		+			45	33	+	+	+	+	+	+						(5)
Esteves-Kond	95	82	+	+	+		+			+			B8,B56,B48,B67>	100	33	+	+	+	+	+			+		+	A26,A29,A30	(5)
Hahn,Amy B.	???	???	+	+		+			+		+	+	A3,A9,A10,BW6	???	???	+	+	+	+			+		+		A10,2402,B59	(5)
Klein,Jon MD	96	???	+	+	+	+	+	+		+	+	+	A74	88	???	+	+	+		+	+	+	+		+	A74,A29	(5)
McAlack,Robe	60	0	+	+	+	+	+	+	+	+				13	0	+	+	+	+	+	+	+	+				(5)
Mpuntsha,Loy	82	100	+	+				+					A32,B18,B45>	70	100	+	+	+	+	+	+			+		B82	(5)

********** SERUM NO. 985 ********** ********** SERUM NO. 986 **********

*** 6 TYPING LABS ***

A1	100%	1.000
A11	100%	1.000
A25	67%	1.000
A26	67%	1.000
A66	67%	0.900
A36	67%	0.875
A23	50%	1.000
A34	50%	1.000
A80	50%	1.000
A24	33%	1.000
A3	17%	1.000
A9	17%	1.000
A10	17%	1.000
A32	17%	1.000
A74	17%	1.000
BW6	17%	1.000
B8	17%	1.000
B18	17%	1.000
B45	17%	1.000
B48	17%	1.000
B51	17%	1.000
B56	17%	1.000
B62	17%	1.000
B64	17%	1.000
B67	17%	1.000

*** 6 TYPING LABS ***

A1	100%	1.000
A11	100%	1.000
A23	100%	1.000
A25	83%	1.000
A80	83%	1.000
A66	67%	1.000
A36	50%	1.000
A24	50%	0.923
A29	33%	1.000
A34	33%	1.000
B8	33%	1.000
2402	17%	1.000
A10	17%	1.000
A26	17%	1.000
A30	17%	1.000
A74	17%	1.000
B59	17%	1.000
B82	17%	1.000

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: Elisa

	% POS	% 8'S	A 1	A 36	A 29	A 26	A 80	A 30	A 11	A 43	A 3	A 74		% POS	% 8'S	A 1	A 11	A 26	A 36	A 25	A 3	A 24	A 26	A 46	A 30	A 80		METHOD
Abbal,Michel	???	???	+	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+		+		A2,A29	(3)
Alvarez & Ca	52	83	+		+								A68,B39,B7	81	100	+	+	+					+			B55	(3)
Baker,Judy	21	???	+	+		+								43	???	+	+	+	+								(4)
Berka,Noured	52	???	+	+	+	+			+				B45	88	???	+	+	+	+	+	+			+		6601,A29,A68	(3)
Burger,Joe	18	100	+	+	+	+	+		+	+	+		B76,A66	26	100	+	+	+	+		+	+	+	+		A43,A68	(3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		+	A43	(3)
Cecka,J.Mich	33	???	+	+	+	+								46	???	+	+	+	+					+			(4)
Choo,Yoon MD	45	14	+	+	+	+	+							63	14	+	+	+	+	+			+		+	A29	(5)
Cohen,JHM Pr	53	???	+	+	+	+	+		+	+	+			96	???	+	+		+		+	+			+	A10,A43	( )
Cooper,E. Sh	17	100	+	+										36	71	+	+		+								(4)
Dunckley,Hea	17	66	+											37	75	+	+	+									(1)
Dunk,Arthur	17	100	+	+										38	71	+	+		+								(6)
Dunn,Dale Dr	17	100	+	+										30	43	+	+		+							B13,B50,B51>	(4)
Dunn,Paul Dr	21	100	+											42	100	+	+	+									(2)
Eckels/CPMC,	38	???	+	+										48	???	+	+	+	+					+	+		(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+			A31	???	???	+	+	+	+	+	+	+		+	+	A43	(3)
Esteves Kond	17	100	+	+										34	100	+	+		+								(1)
Esteves-Kond	95	60	+	+	+	+	+	+				+	A25,A31,A32	96	60	+	+	+		+		+	+			A2,A29,A33,A32	(3)
Gautreaux,Mi	76	???	+	+	+	+	+	+	+	+				84	???	+	+	+	+		+	+		+		A43	(3)
Gideoni,Osna	96	100	+	+	+		+	+	+		+		A24,A31,A66	98	100	+	+		+		+	+			+	A29,A31,A23>	(3)
Hahn,Amy B.	19	100	+	+										45	100	+	+	+	+								(4)
Hamdi,Nuha D	44	100			+	+		+	+				A66,A68,A25>	96	100		+	+		+		+	+	+		A29,A68	(3)
Han,Hoon Dr	40	???	+	+	+	+		+						80	???	+	+	+	+	+			+			A29	(3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+		+		A2,A29	(3)
Hogan,Patric	29	100	+											44	100	+	+	+									(1)
Israel,Shosh	20	100	+	+										18	100	+	+	+	+	+							(2)
Klein,Jon MD	50	???	+	+	+		+				+		A66	64	???	+	+		+				+	+		A74,A29	(5)
Klein,Tirza	82	100	+	+	+	+	+		+		+		A31,A66	96	100	+	+		+		+	+			+	A29,A2,A23>	(3)
Lardy,N.M. D	22	100	+											37	100	+	+	+									(2)
Leech MD,Ste	???	100	+	+	+	+			+				A101,2601,3601>	???	100	+	+		+		+	+				6601,A101,A301>	(3)
Loewenthal M	98	100	+	+	+	+			+				6602,6601,B65>	96	100	+	+	+	+					+		6601,6602,B27>	(3)
MacCann,Eile	96	???	+	+	+	+	+	+		+	+		A66,A33	98	???	+	+	+	+	+	+	+		+		A43,A29	(3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+			+	A43,A68	(3)
McAlack,Robe	8	100	+	+	+	+	+							22	100	+	+	+	+	+			+		+	A68	(5)
McAlack-Bala	83	100	+	+	+	+	+	+	+	+				97	100	+	+	+	+		+		+		+	A43	(3)
McCluskey,Ja	42	100	+											66	100	+	+	+									(6)
Meyer,Pieter	84	???	+	+	+	+	+	+				+	A33,B53,B35	98	???	+	+		+							B59,B53,B57>	(3)
Moore,S.Brea	30	???	+	+	+	+	+	+	+	+			A31	35	???	+	+	+	+	+			+	+		A43	(3)
Mpuntsha,Loy	36	100	+	+	+	+	+						A69,B73,B76	75	100	+	+	+	+	+			+	+		B8	(5)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		+	A43	(3)
Pais,Maria L	18	83	+											24	75	+											( )
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+		+	+	+	A43	(3)
Permpikul &	8	100	+											46	85	+	+	+									(1)
Phelan,Donna	50	???	+	+	+	+	+	+					A32,A31	87	???	+	+	+	+	+	+	+	+	+		A74	(6)
Pidwell,Dian	34	100	+	+										49	100	+	+	+	+							6601	(2)
Rees,Tracey	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		2403	(3)
Rosen-BronGT	91	100	+	+	+	+	+	+		+		+	A31,A66	94	100	+	+	+		+	+	+	+	+		A29,A43	(3)
Rosen-BronMS	93	???	+	+	+	+	+	+	+	+	+	+		97	???	+	+	+	+	+	+	+	+		+	A43	(3)
Sage,Deborah	96	???	+		+	+		+	+		+		A25,A34,A66>	92	???	+	+	+		+	+	+	+	+		A2,A29	(3)
Sinnott & Gu	21	???	+	+	+	+	+	+	+	+	+		A66	29	???	+	+	+	+		+	+			+	A2,A68,A69	(3)
Smith/MI,	82	???	+	+	+	+	+	+	+	+	+			96	???	+	+	+	+	+	+	+	+		+	A43	(3)
Suciu-Foca,N	10	80	+											32	38	+	+	+		+						A10	(1)
Tagliere,Jac	17	100	+											19	40	+											(2)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		+	A43	(3)

********** SERUM NO. 987 ********** ********** SERUM NO. 988 **********

*** 54 TYPING LABS ***			*** 54 TYPING LABS ***		
A1	98%	0.966	A1	98%	0.969
A36	78%	1.000	A11	96%	0.976
A29	69%	0.972	A26	78%	0.890
A26	63%	0.937	A36	74%	1.000
A80	50%	0.939	A25	46%	0.974
A30	46%	0.938	A24	44%	0.975
A11	44%	0.973	A3	44%	0.951
A43	37%	1.000	A66	39%	1.000
A3	33%	1.000	A34	33%	0.969
A74	20%	0.923	A80	30%	1.000
A31	17%	0.909	A43	28%	1.000
A66	17%	0.875	A29	24%	0.903
A25	6%	1.000	A2	11%	1.000
A32	4%	1.000	A68	11%	1.000
A33	4%	1.000	6601	9%	1.000
A68	4%	1.000	A10	4%	1.000
B76	4%	1.000	A23	4%	1.000
			A74	4%	1.000
			B8	4%	1.000
			B51	4%	0.600

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

*** 54 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: All

******************** SERUM NO. 987 ******************** ******************** SERUM NO. 988 ********************

	% POS	% 8'S	A1		% POS	% 8'S	A11	A1	A26		METHOD
Dunckley,Hea	17	66	+		37	75	+	+	+		(1)
Esteves Kond	17	100	+	A36	34	100	+	+		A36	(1)
Hogan,Patric	29	100	+		44	100	+	+	+		(1)
Permpikul &	8	100	+		46	85	+	+	+		(1)
Suciu-Foca,N	10	80	+		32	38	+	+	+	A10,A25	(1)

*********************** SERUM NO. 987 ***************************** *************** SERUM NO. 988 ***************************

SERUM NO. 987: *** 5 TYPING LABS ***

A1	100%	0.980
A36	20%	1.000

SERUM NO. 988: *** 5 TYPING LABS ***

A1	100%	0.957
A11	100%	0.938
A26	80%	0.650
A10	20%	1.000
A25	20%	1.000
A36	20%	1.000

*** 5 LABORATORIES REPLIED ***

Method: NIH-std

******************** SERUM NO. 987 ******************** ******************** SERUM NO. 988 ********************

	% POS	% 8'S	A1	A36	% POS	% 8'S	A1	A26	A11	A36		METHOD
Dunn,Paul Dr	21	100	+		42	100	+	+	+			(2)
Israel,Shosh	20	100	+	+	18	100	+	+	+	+	A25	(2)
Lardy,N.M. D	22	100	+		37	100	+	+	+			(2)
Pidwell,Dian	34	100	+	+	49	100	+	+	+	+	6601	(2)
Tagliere,Jac	17	100	+		19	40	+					(2)

*********************** SERUM NO. 987 ***************************** *************** SERUM NO. 988 ***************************

SERUM NO. 987: *** 5 TYPING LABS ***

A1	100%	1.000
A36	40%	1.000

SERUM NO. 988: *** 5 TYPING LABS ***

A1	100%	0.893
A11	80%	1.000
A26	80%	1.000
A36	40%	1.000
6601	20%	1.000
A25	20%	0.500

*** 5 LABORATORIES REPLIED ***

*** NEXT SHIPMENT: JUN 10 2009 ***

Method: NIH-ext

	% POS	% 8'S	A 29	A 1	A 26	A 36	A 11	A 30	A 80	A 43	A 3	A 74		% POS	% 8'S	A 11	A 1	A 26	A 36	A 24	A 3	A 25	A 66	A 48	A 80	METHOD
Abbal,Michel	???	???	+	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+			A2,A29,A34	(L-3)
Alvarez & Ca	52	83	+	+									A68,B39,B7	81	100	+	+	+					+		B55	(F-3)
Baker,Judy	35	???	+	+	+	+	+	+	+					51	???	+	+	+	+		+	+	+	+		(L-3)
Berka,Noured	52	???	+	+	+	+	+						B45	88	???	+	+	+	+		+	+			6601,A34,A29>	(L-3)
Burger,Joe	18	100	+	+	+	+	+		+	+	+		B76,A66	26	100	+	+	+	+	+	+		+	+	A34,A68	(L-3)
Cantwell,Lin	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)
Cecka,J.Mich	64	???	+	+	+	+	+	+			+		A31,A32,A34	87	???	+	+	+		+	+	+			A2,A29,A31,A33	(L-3)
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)
Eckels/CPMC,	93	???	+	+	+		+	+			+		A25,A31,A32>	94	???	+	+	+		+	+	+			A10,A2,A28,A29	(LF-3)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+		A31	???	???	+	+	+	+	+	+	+		+	A34	(L-3)
Esteves-Kond	95	60	+	+	+	+		+	+			+	A25,A31,A32	96	60	+	+	+		+		+	+		A2,A29,A33,A32	(F-3)
Gautreaux,Mi	76	???	+	+	+	+	+	+	+	+				84	???	+	+	+	+	+	+			+	A34	(L-3)
Gideoni,Osna	96	100	+	+		+	+	+	+		+		A24,A31,A66	98	100	+	+		+	+	+			+	A29,A31,A23>	(L-3)
Hamdi,Nuha D	44	100	+		+		+	+					A66,A68,A25>	96	100	+		+		+		+	+		A29,A34,A68	(L-3)
Han,Hoon Dr	40	???	+	+	+	+		+						80	???	+	+	+	+			+	+		A29	(L-3)
Harville,Ter	???	???	+	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+			A2,A29,A34	(L-3)
Hogan,Patric	12	???	+	+	+	+	+		+	+			B76,A66,A34	25	???	+	+	+	+	+	+		+	+	A68,A2	(L-3)
Klein,Tirza	82	100	+	+	+	+	+		+		+		A31,A66	96	100	+	+		+	+	+			+	A29,A2,A23>	(L-3)
Leech MD,Ste	???	100	+	+	+	+				+			A101,2601,3601>	???	100	+	+		+	+	+				6601,A101,A301>	(F-3)
Loewenthal M	98	100	+	+	+	+	+						6602,6601,B65>	96	100	+	+	+	+						6601,6602,A34>	(L-3)
MacCann,Eile	96	???	+	+	+	+		+	+	+	+		A66,A33	98	???	+	+	+	+	+	+	+		+	A34,A29	(L-3)
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+		+	A68	(L-3)
McAlack-Bala	83	100	+	+	+	+	+	+	+	+				97	100	+	+	+	+		+		+	+		(L-3)
McCluskey,Ja	96	???	+	+	+	+							A66	98	???	+	+	+	+				+		A69	(L-3)
Meyer,Pieter	84	???	+	+	+	+		+	+			+	A33,B53,B35	98	???	+	+		+						B59,B53,B57>	(L-3)
Moore,S.Brea	30	???	+	+	+	+	+	+	+	+			A31	35	???	+	+	+	+	+		+	+	+		(L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+		+	+	+	+	A34	(L-3)
Permpikul &	???	100	+	+	+		+							???	100	+	+	+		+		+	+		A31,A33,A2,A68	(L-3)
Phelan,Donna	13	???	+	+	+	+	+	+	+	+	+	+		28	???	+	+	+	+	+	+	+	+	+		(L-3)
Pidwell,Dian	???	???	+	+	+	+	+		+	+		+	A31,A66	???	???	+	+	+	+	+		+	+	+	A34	(F-3)
Rees,Tracey	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		2403,A34	(L-3)
Rosen-BronGT	91	100	+	+	+	+		+	+	+		+	A31,A66	94	100	+	+	+		+	+	+	+	+	A34,A29	(F-3)
Rosen-BronMS	93	???	+	+	+	+	+	+	+	+	+	+		97	???	+	+	+	+	+	+	+	+	+		(LF-3)
Sage,Deborah	96	???	+	+	+		+	+			+		A25,A34,A66>	92	???	+	+	+		+	+	+	+		A2,A34,A29	(L-3)
Sinnott & Gu	21	???	+	+	+	+	+	+	+	+	+		A66	29	???	+	+	+	+	+	+			+	A2,A68,A69	(L-3)
Smith/MI,	82	???	+	+	+	+	+	+	+	+	+	+		96	???	+	+	+	+	+	+	+	+	+		(L-3)
Suciu-Foca,N	???	100	+	+	+	+	+	+	+	+	+	+		???	100	+	+	+	+	+	+	+	+	+		(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+		(L-3)

(3) – L—Luminex, F-Flow

********** SERUM NO. 987 ********** ********** SERUM NO. 988 **********

*** 39 TYPING LABS ***			*** 39 TYPING LABS ***		
A29	100%	0.967	A11	100%	1.000
A1	97%	1.000	A1	97%	1.000
A26	95%	0.943	A26	90%	0.941
A36	87%	1.000	A36	79%	1.000
A11	79%	0.977	A24	77%	0.979
A30	74%	0.958	A3	74%	0.957
A80	72%	0.968	A25	72%	1.000
A43	64%	1.000	A66	62%	1.000
A3	56%	1.000	A43	49%	1.000
A74	39%	1.000	A80	44%	1.000
A66	28%	1.000	A34	36%	0.957
A31	28%	0.923	A29	33%	1.000
A25	10%	1.000	A2	26%	1.000
A32	8%	1.000	A68	18%	1.000
A33	8%	1.000	6601	10%	1.000
A34	8%	1.000	A31	8%	1.000
A68	5%	1.000	A33	8%	1.000
B76	5%	1.000	A23	5%	1.000
			A69	5%	1.000

*** 39 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: Luminex/Flow

********** SERUM NO. 987 ********** ********** SERUM NO. 988 **********

	% POS	% 8'S	A 1	A 3 6	A 2 6	A 2 9	% POS	% 8'S	A 1 1	A 1	A 3 6	A 2 6	A 3 4		METHOD
Baker,Judy	21	???	+	+	+		43	???	+	+	+	+			(4)
Cecka,J.Mich	33	???	+	+	+	+	46	???	+	+	+	+	+		(4)
Cooper,E. Sh	17	100	+	+			36	71	+	+	+				(4)
Dunn,Dale Dr	17	100	+	+			30	43	+	+	+			B13,B50,B51,B52	(4)
Eckels/CPMC,	38	???	+	+			48	???	+	+	+	+	+	A80	(4)
Hahn,Amy B.	19	100	+	+			45	100	+	+	+	+			(4)
Mah,Helen	23	92	+				41	100	+	+		+		B8	(4)
Suciu-Foca,N	10	67	+		+	+	27	25	+	+		+		A3,A25,A24	(4)

********** SERUM NO. 987 ********** ********** SERUM NO. 988 **********

*** 8 TYPING LABS ***

A1	100%	0.980
A36	75%	1.000
A26	38%	1.000
A29	25%	1.000

*** 8 TYPING LABS ***

A1	100%	1.000
A11	100%	0.973
A36	75%	1.000
A26	75%	0.909
A34	25%	1.000
A3	13%	1.000
A24	13%	1.000
A25	13%	1.000
A80	13%	1.000
B50	13%	1.000
B52	13%	1.000
B8	13%	0.857
B13	13%	0.667
B51	13%	0.500

*** 8 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: Antiglobulin

********** SERUM NO. 987 ********** ********** SERUM NO. 988 **********

	% POS	% 8'S	A 3 6	A 2 9	A 1	A 8 0	A 2 6	A 7 4	A 3 0	A 1 1		% POS	% 8'S	A 3 6	A 1 1	A 6 0	A 8 6	A 2 6	A 2 5	A 3 4	A 2 9	A 6 8		METHOD
Choo,Yoon MD	45	14	+	+	+	+	+					63	14	+	+	+	+	+	+	+				(5)
Esteves-Kond	98	56	+	+	+	+	+	+	+	+	A25,A33	95	73	+	+	+	+	+	+	+	+	+		(5)
Hahn,Amy B.	???	???	+	+	+	+	+			+	B78	???	???	+	+	+		+					A10,A3,A28,A24	(5)
Klein,Jon MD	50	???	+	+	+			+	+		A66	64	???	+	+	+	+			+	+		A74	(5)
McAlack,Robe	8	100	+	+	+	+	+					22	100	+	+	+	+	+	+	+		+		(5)
Mpuntsha,Loy	36	100	+	+	+	+	+				A69,B73,B76	75	100	+	+	+	+		+	+	+		B8	(5)

********** SERUM NO. 987 ********** ********** SERUM NO. 988 **********

*** 6 TYPING LABS ***			*** 6 TYPING LABS ***		
A1	100%	1.000	A1	100%	1.000
A29	100%	1.000	A11	100%	1.000
A36	100%	1.000	A36	100%	1.000
A26	83%	0.929	A66	83%	1.000
A80	83%	0.875	A25	67%	1.000
A11	33%	1.000	A80	67%	1.000
A30	33%	0.833	A26	67%	0.923
A74	33%	0.667	A34	50%	1.000
A25	17%	1.000	A29	50%	0.769
A33	17%	1.000	A68	33%	1.000
A69	17%	1.000	A3	17%	1.000
B73	17%	1.000	A10	17%	1.000
B76	17%	1.000	A24	17%	1.000
B78	17%	1.000	A28	17%	1.000
A66	17%	0.333	A74	17%	1.000
			B8	17%	1.000

*** 6 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: JUN 10 2009 **********

Method: Elisa

CTR	INVESTIGATOR NAME	DNA EXTRACT #449 (Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*0201	*2402	*070201/04/061	*4427/28	*070201/50	*070401/11	SBT,RSSO,SSP
2300	Allegheny Ge	*02	*24	*07	*44	*07	*07	RVSSO
745	Anthony Nola	*0201/01L	*2402	*070201	*4427	*070201	*070401	SSO,SSP,SBT
5133	Baker,Judy	*020101	*240201	*070201/61	*4427	*070201/50	*070401/11	
105	Ball,Edward	*0201/*9218/47/50+	*2402/71/90N/95-97	*0702/61-64/67N+	*4427/63N	*0702/50/54/56+	*0704/63	PCR-SSP
2020	Barnardo,Mar	*020101	*240201	*070201	*4427	*070201	*0704/11	PCR-SSP,SBT
4345	Blasczyk,Rai	*0201/01L/09/43N+	*2402/02L/09N/11N+	*0702/44/49N/58+	*4402/02S/19N/27	*0702/50	*0704/11	
5106	Brown,Colin	*0201	*2453	*0702/54/61	*4412/27	*07		PCR-SSOP,SBT
785	Chan,Soh Ha	*02	*24	*0702/04/20/24+	*4402/12/16/19N+	*0702/50	*0704/11	SBT
3224	Chen,Dongfen	*0201	*2402	*0702/61	*4427	*0702/50	*0704/11	SBT,RVSSOP
8021	Clark,Brenda	*020101-0104/0106+	*2402/03/07+	*0702/04/10+	*4402/11/19N+	*0702/03/10+	*0704/11/12+	PCR-SSP
5219	Daniel,Dolly	*02	*24	*07	*44			PCR-SSOP
1108	Davis,Mary	*0201	*2402	*0702	*4402	*0702	*0704	SSO,SSP
5323	Dhaliwal,J.	*02	*24	*07	*44	*07	*07	PCR-SSP
5891	Du,Keming	*0201/04/12	*2402/52/13	*0702/04	*4427/28	*0702	*0704/11	PCR-SBT
3186	Dunckley,Hea	*02	*24	*07	*44	*07		SSP
3766	Dunn,Paul	*02	*24	*07	*44	*07	*0704/11	PCR-SSOP
3428	Eckels/Utah	*02	*24	*07	*4402/02S/27/63			SSOP
4251	Ellis,Thomas	*0201	*2402	*0702/61	*4427	*0702/50	*0704/11	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*2402	*0702/44/49N/58+	*4402/27	*0702/50	*0704/11	SSO,SSP,SBT
3135	Fischer,John	*0201/01L	*2402	*0702	*4427	*0702/61N	*0704/11	PCR-SSO,SBT
4691	Hajeer,Ali	*02	*24	*07	*44	*07	*07	SSO
810	Hamdi,Nuha	*02010101	*24020101	*070201	*44020101	*07020101	*0711	SSO
5803	Henrico's Do	*02	*24	*07	*44	*07		
1461	Hidajat,Mela	*0201	*2402	*0702	*4427	*0702	*0704	
615	Holdsworth,R	*0201/01L/09/43N+	*2402/09N/11N/40N+	*0702/44/49N/58+	*4402/19N/27	*0702/50	*0704/11	SBT
2344	Hurley&Hartz	*02010101/010102L+	*24020101/020102L+	*070201/0206/44+	*44020101/020102S+	*07020101+	*070401/11	SBT
2847	Kihara,Masaa	*02	*24	*07	*44	*07	*07	RVSSO
87	Land,Geoff	*0201	*2402	*0702	*4427	*0702	*0704	
278	Lee,Jar-How	*0201/*9232/38-40	*2402/74/78/79/83N+	*0702/22/49N/58+	*4427	*0702/23/25/32N+	*0704	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/04/12/36/70+	*2402/03/13/14/28+	*0702	*4402/19N/27	*0702/50	*0704/11	PCR-SBT
9916	McIntyre,Joh	*020101	*24020101	*0702/61	*4427	*0702/50/54/56+	*0704/63	SSP,SBT
733	Mytilineos,J	*02	*24	*07	*44	*07	*07	PCR-SSO
8022	Olerup,Olle	*0201	*2402	*0702	*4427	*0702	*0704	SSP
5096	Park,Yoon Mi	*02	*24	*07	*44			
3648	Pereira,Noem	*0201/01L/04/07+	*2402/03/09N/11N+	*0702/04/10/21+	*4402/02S/19N/23N+	*0702/23/25/32N+	*0704/11	RVSSO
3966	Permpikul&Ve	*0201	*24	*07	*44	*0702	*0704	PCR-SSP
2400	Phelan,Donna	*0201	*2402	*0702	*4427	*0702	*0704	RSSO,SSP,SBT
3753	Reed,Elaine	*0201/04/12/36/70+	*2402/03/13/14/28+	*0702/04/54/61	*4412/27/28	*0702/50	*0704	SBT,SSP,SSO
3625	Rees,Tracey	*0201/04/70/87/90+	*2402/28-30/52/14	*0702/61	*4427/2802	*0702/50	*0704	PCR-SSP,SBT
3798	Reinsmoen,N	*020101/01L	*240201/01L	*070201/61	*4427	*070201/50	*070401/11	SBT,RSSO,SSP
1694	Sauer&Gottwa	*02	*24	*07	*44	*07		SSP
3545	Scornik,Juan	*0201	*2402	*0702/61	*4427	*0702/50	*0704/11	RVSSOP,SBT
8042	Shainberg,Br	*0201	*2402	*0702	*4427	*0702	*0704	SSP,SSOP
735	Smith/MI	*0201	*2402	*0702/61	*4427	*0702/50	*0704/11	SSP,RSSO,SEQ
740	Snider,Denis	*0201	*2402	*0702	*4427	*0702	*0704	SSP
13	Tagliere,Jac	*0201	*2402	*0702	*4427	*0702	*0704	
4021	Trachtenberg	*02	*24	*07	*44	*07	*07	RVSSO,SSP
5462	Turner,E.V.	*0201	*2402	*0702/61	*4427	*0702	*0704	SSP,SSO,SEQ

CTR	INVESTIGATOR NAME	DNA EXTRACT #450 A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*240201	*330301	*440302	*480101	*07	*080101/11	SBT,RSSO,SSP
2300	Allegheny Ge	*24	*33	*44	*48	*07	*08	RVSSO
745	Anthony Nola	*24020101	*330301	*440302	*480101	*0706	*080101	SSO,SSP,SBT
5133	Baker,Judy	*240201	*330301	*440302	*480101	*0701/06/18/52	*080101	
105	Ball,Edward	*2402/38/71/87/90N+	*33	*4403/61N	*48	*0706	*0801/03/06+	PCR-SSP
2020	Barnardo,Mar	*240201	*330301	*440302	*480101	*0701/06/18/52	*0801/20/22	PCR-SSP,SBT
4345	Blasczyk,Rai	*2402/02L/09N/11N+	*3303/15	*4403	*4801/09	*0701/06/18/52	*0801	
5106	Brown,Colin	*2402	*3303	*440302	*4801	*07	*0801/08/11	PCR-SSOP,SBT
785	Chan,Soh Ha	*2402/09N/11N/40N+	*3303/10/11/15	*440302	*4801/09	*0701/06/18/28+	*0801/11	SBT
3224	Chen,Dongfen	*2402	*3303	*4403	*4801	*0701/06/18	*0801	SBT,RVSSOP
8021	Clark,Brenda	*2402/03/07+	*3301/03-07+	*4403/04/07+	*4801/04/09+	*0701/06/07+	*0801/03/06+	PCR-SSP
5219	Daniel,Dolly	*24	*33	*44	*48			PCR-SSOP
1108	Davis,Mary	*2402	*3303	*4403	*4801	*0706	*0801	SSO,SSP
5323	Dhaliwal,J.	*24	*33	*44	*48	*07	*08	PCR-SSP
5891	Du,Keming	*2402/03	*3303/10	*4403	*4801	*0816	*0801	PCR-SBT
3186	Dunckley,Hea	*24	*33	*44	*48	*07	*08	SSP
3766	Dunn,Paul	*24	*33	*440302/54	*4801/09/11	*07	*0801/08/11	PCR-SSOP
3428	Eckels/Utah	*2402/21/51	*3303/14/15/20/23	*4403/54	*4801/09			SSOP
4251	Ellis,Thomas	*2402	*3303	*4403	*4801	*0701/06/18	*0801	PCR-SSO,SEQ
762	Fischer&Mayr	*2402	*3303/15	*4403	*4801/09	*0701/06/18/52	*0801	SSO,SSP,SBT
3135	Fischer,John	*2402	*3303	*4403	*4801	*0701/06/18	*0801	PCR-SSO,SBT
4691	Hajeer,Ali	*24	*33	*44	*48	*07	*08	SSO
810	Hamdi,Nuha	*24020101	*3301	*440302	*4809	*070101	*080101	SSO
5803	Henrico's Do	*24	*33	*44	*48	*07	*08	
1461	Hidajat,Mela	*2402	*3303	*4403	*4801	*0706	*0801	
615	Holdsworth,R	*2402/09N/11N/40N+	*3303/15	*4403	*4801/09	*0701/06/18/52	*0801	SBT
2344	Hurley&Hartz	*24020101/020102L+	*330301/0303/15	*440302	*480101/09	*070101/0102+	*080101/20+	SBT
2847	Kihara,Masaa	*24	*33	*44	*48	*07	*08	RVSSO
87	Land,Geoff	*2402	*3303	*4403	*4801	*0706	*0801	
278	Lee,Jar-How	*2402	*3303	*4403	*4801	*0706	*0801	SSP,RVSSOP
640	Lee,Kyung Wh	*2402/03/34	*3303/10/11	*4403	*4801	*0706/18/28/52	*0801/11	PCR-SBT
9916	McIntyre,Joh	*24020101	*330301	*440302	*480101	*0706	*0801	SSP,SBT
733	Mytilineos,J	*24	*33	*44	*48	*07	*08	PCR-SSO
8022	Olerup,Olle	*2402	*3303	*4403	*4801	*0706	*0801	SSP
5096	Park,Yoon Mi	*24	*33	*44	*48			
3648	Pereira,Noem	*2402/09N/11N/15+	*3301/03-05+	*4403/54	*4801/09/11	*0701/06/16/18+	*0801/08/11	RVSSO
3966	Permpikul&Ve	*24	*33	*44	*48	*0701/06	*0801	PCR-SSP
2400	Phelan,Donna	*2402	*3303	*4403	*4801	*0706	*0801	RSSO,SSP,SBT
3753	Reed,Elaine	*2402/03/34	*3303/10/11	*4403	*4801	*0701/06/16/18+	*0801	SBT,SSP,SSO
3625	Rees,Tracey	*2402//*2434	*3303//*3311	*4403	*4801	*0706	*0801	PCR-SSP,SBT
3798	Reinsmoen,N	*240201/01L	*330301	*440302	*480101	*0706	*080101	SBT,RSSO,SSP
1694	Sauer&Gottwa	*24	*33	*44	*48	*07	*08	SSP
3545	Scornik,Juan	*2402	*3303	*440302	*4801	*0701/06/18	*0801	RVSSOP,SBT
8042	Shainberg,Br	*2402	*3303	*4403	*4801	*0706	*0801	SSP,SSOP
735	Smith/MI	*2402	*3303	*4403	*4801	*0706	*0801/10/16	SSP,RSSO,SEQ
740	Snider,Denis	*2402	*3303	*4403	*4801	*0706	*0801	SSP
13	Tagliere,Jac	*2402	*3303	*4403	*4801	*0706	*0801	
4021	Trachtenberg	*24	*33	*44	*48	*07	*08	RVSSO,SSP
5462	Turner,E.V.	*2402	*3303	*4403	*4801	*0706	*0801	SSP,SSO,SEQ

CTR	INVESTIGATOR NAME	DNA EXTRACT #451 (Black/Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*02	*03	*520101	*520102	*120202	*160101	SBT,RSSO,SSP
2300	Allegheny Ge	*02	*03	*52	*52	*12	*16	RVSSO
745	Anthony Nola	*020101	*030101	*520101	*520102	*120201	*160101	SSO,SSP,SBT
5133	Baker,Judy	*020101	*030101	*520101	*520102	*120201/0202	*160101	
105	Ball,Edward	*0201/*9247/50/51+	*0301/44-46	*52		*1202	*1601	PCR-SSP
2020	Barnardo,Mar	*020101	*030101	*5201/02		*1202	*160101	PCR-SSP,SBT
4345	Blasczyk,Rai	*0201/01L/09/43N+	*0301/01N/20/21N+	*5201/07	*5201	*1202	*1601	
5106	Brown,Colin	*0201	*0301	*5201		*120202	*1601	PCR-SSOP,SBT
785	Chan,Soh Ha	*02	*0301/07-09/17/20+	*520101/07	*520102	*1202	*1601	SBT
3224	Chen,Dongfen	*0201	*0301	*520101	*520102	*1202	*1601	SBT,RVSSOP
8021	Clark,Brenda	*020101-0104/0106+	*0301-04/07+	*5201/03-06+		*1202/08/10+	*1601/08/10+	PCR-SSP
5219	Daniel,Dolly	*02	*03	*52				PCR-SSOP
1108	Davis,Mary	*0201	*0301	*5201	*5201	*1202	*1601	SSO,SSP
5323	Dhaliwal,J.	*02	*03	*52		*12	*16	PCR-SSP
5891	Du,Keming	*0201	*0301	*5201	*5201	*1202	*1601	PCR-SBT
3186	Dunckley,Hea	*02	*03	*52		*12	*16	SSP
3766	Dunn,Paul	*02	*03	*5201/04/07/13	*5201	*12	*16	PCR-SSOP
3428	Eckels/Utah	*02	*03	*5201	*5201/07/13			SSOP
4251	Ellis,Thomas	*0201	*0301	*5201	*5201	*1202	*1601	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*0301/20/21N/26/37	*5201/07		*1202	*1601	SSO,SSP,SBT
3135	Fischer,John	*0201/01L	*0301	*520101	*520102	*1202	*1601	PCR-SSO,SBT
4691	Hajeer,Ali	*02	*03	*52	*52	*12	*16	SSO
810	Hamdi,Nuha	*02010101	*03010101	*5207	*520102	*120201	*160101	SSO
5803	Henrico's Do	*02	*03	*52		*12	*16	
1461	Hidajat,Mela	*0201	*0301	*5201	*5201	*1202	*1601	
615	Holdsworth,R	*0201/01L/09/43N+	*0301/01N/20/21N+	*520101/07	*520102	*1202	*1601	SBT
2344	Hurley&Hartz	*02010101/010102L+	*03010101/010102N+	*520101/07	*520102	*120201/0202	*160101	SBT
2847	Kihara,Masaa	*02	*03	*52		*12	*16	RVSSO
87	Land,Geoff	*0201	*0301	*5201	*5206	*1202	*1601	
278	Lee,Jar-How	*0201	*0301	*5201		*1202	*1601	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/24/34/90	*0301/07-09/17	*520101	*520102	*1202	*1601	PCR-SBT
9916	McIntyre,Joh	*020101	*030101	*520101	*520102	*1202	*1601/11	SSP,SBT
733	Mytilineos,J	*02	*03	*52		*12	*16	PCR-SSO
8022	Olerup,Olle	*0201	*0301	*5201		*1202	*1601	SSP
5096	Park,Yoon Mi	*02	*03	*52	*52			
3648	Pereira,Noem	*0201/01L/07/09+	*0301/01N/04/07+	*5201/04/07/13	*5201	*1202/03/06/07+	*1601/07/08+	RVSSO
3966	Permpikul&Ve	*0201	*03	*52		*1202	*1601	PCR-SSP
2400	Phelan,Donna	*0201	*0301	*5201		*1202	*1601	RSSO,SSP,SBT
3753	Reed,Elaine	*0201/24/26/34/90	*0301/07-09/17	*5201	*5201	*1202	*1601	SBT,SSP,SSO
3625	Rees,Tracey	*0201/24/26/90	*0301/09/17/07	*520101	*520102/06	*1202	*1601	PCR-SSP,SBT
3798	Reinsmoen,N	*020101/01L	*030101/01N	*520101	*520102	*120202	*160101	SBT,RSSO,SSP
1694	Sauer&Gottwa	*02	*03	*52		*12	*16	SSP
3545	Scornik,Juan	*0201	*0301	*520101	*520102	*120202	*1601	RVSSOP,SBT
8042	Shainberg,Br	*0201	*0301	*5207	*5201	*1202	*1601	SSP,SSOP
735	Smith/MI	*0201/24/26	*0301/07/17	*5201		*1202	*1601	SSP,RSSO,SEQ
740	Snider,Denis	*0201	*0301	*5201	*5206	*1202	*1601	SSP
13	Tagliere,Jac	*0201	*0301	*5201		*1202	*160101	
4021	Trachtenberg	*02	*03	*52		*12	*16	RVSSO,SSP
5462	Turner,E.V.	*0201	*0301	*5201		*1202	*1601	SSP,SSO,SEQ

	INVESTIGATOR	DNA EXTRACT #452 (Black)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*330301	*6602	*570301	*580101	*0701/06/18	*1801/02	SBT,RSSO,SSP
2300	Allegheny Ge	*33	*66	*57	*58	*07	*18	RVSSO
745	Anthony Nola	*330301	*6602	*570301	*580101	*0718	*1802	SSO,SSP,SBT
5133	Baker,Judy	*330301	*6602	*570301	*580101	*0701/06/18/52	*1801/02	
105	Ball,Edward	*33	*6602	*5703	*58	*0718	*18	PCR-SSP
2020	Barnardo,Mar	*3303	*6602	*570301	*5801/04/11/13	*0701/06/18/52	*1802	PCR-SSP,SBT
4345	Blasczyk,Rai	*3303/15	*6602	*5703	*5801/11	*0701/06/18/52	*1801/02	
5106	Brown,Colin	*3303	*6602	*5703	*5801	*07	*1801/02	PCR-SSOP,SBT
785	Chan,Soh Ha	*3303/15	*6602	*570301	*5801/11	*0701/06/18/52	*1801/02	SBT
3224	Chen,Dongfen	*3303	*6602	*5703	*5801	*0701/06/18	*1801/02	SBT,RVSSOP
8021	Clark,Brenda	*3301/03-07+	*6602	*5703	*580101/04/05+	*0701/06/07+	*1801/02	PCR-SSP
5219	Daniel,Dolly	*33	*66	*57	*58			PCR-SSOP
1108	Davis,Mary	*3303	*6602	*5703	*5801	*0718	*1802	SSO,SSP
5323	Dhaliwal,J.	*33	*66	*57	*58	*07	*18	PCR-SSP
5891	Du,Keming	*3303	*6602	*5703	*5801	*0701/06	*1801/02	PCR-SBT
3186	Dunckley,Hea	*33	*66	*57	*58	*07	*18	SSP
3766	Dunn,Paul	*33	*6602	*5703/17	*58	*07	*1801/02	PCR-SSOP
3428	Eckels/Utah	*3303/14/15/18/20+	*6602	*5703/17	*58			SSOP
4251	Ellis,Thomas	*3303	*6602	*5703	*5801	*0701/06/18	*1801/02	PCR-SSO,SEQ
762	Fischer&Mayr	*3303/15	*6602	*5703	*5801/11	*0701/06/18/52	*1801/02	SSO,SSP,SBT
3135	Fischer,John	*3303	*6602	*5703	*5801	*0701/06/18	*1801/02	PCR-SSO,SBT
4691	Hajeer,Ali	*33	*34	*57	*58	*07	*18	SSO
810	Hamdi,Nuha	*3301	*6602	*570301	*5811	*070101	*1801	SSO
5803	Henrico's Do	*33	*66	*57	*58	*07	*06	
1461	Hidajat,Mela	*3303	*6602	*5703	*5801	*0718	*1802	
615	Holdsworth,R	*3303/15	*6602	*5703	*5801/11	*0701/06/18/52	*1801/02	SBT
2344	Hurley&Hartz	*330301/0303/15	*6602	*570301	*580101/11	*070101/0102+	*1801/02	SBT
2847	Kihara,Masaa	*33	*66	*57	*58	*07	*18	RVSSO
87	Land,Geoff	*3303	*6602	*5703	*5801	*0718	*1802	
278	Lee,Jar-How	*3303	*6602	*5703	*5801	*0701/06/18	*1802	SSP,RVSSOP
640	Lee,Kyung Wh	*3303	*6602	*5703	*5801	*0701/18/52	*1801/02	PCR-SBT
9916	McIntyre,Joh	*330301	*6602	*570301	*580101	*0718	*1801/02	SSP,SBT
733	Mytilineos,J	*33	*66	*57	*58	*07	*18	PCR-SSO
8022	Olerup,Olle	*3303	*6602	*5703	*5801	*0718	*1802	SSP
5096	Park,Yoon Mi	*33	*66	*57	*58			
3648	Pereira,Noem	*3301/03-05+	*6602	*5703/17	*5801/04/10N/11+	*0701/06/18/20+	*1801/02	RVSSO
3966	Permpikul&Ve	*33	*6602	*57	*58	*0701/06	*1801/02	PCR-SSP
2400	Phelan,Donna	*3303	*6602	*5703	*5801	*0718	*1802	RSSO,SSP,SBT
3753	Reed,Elaine	*3303	*6602	*5703	*5801	*0701/06/18/52	*1801/02	SBT,SSP,SSO
3625	Rees,Tracey	*3303	*6602	*5703	*5801	*0718	*1801/02	PCR-SSP,SBT
3798	Reinsmoen,N	*330301	*6602	*570301	*580101	*0718	*1802	SBT,RSSO,SSP
1694	Sauer&Gottwa	*33	*6602	*57	*58	*07	*18	SSP
3545	Scornik,Juan	*3303	*6602	*5703	*5801	*0701/06/18	*1801/02	RVSSOP,SBT
8042	Shainberg,Br	*3303	*6602	*5703	*5801	*0718	*1802	SSP,SSOP
735	Smith/MI	*3303	*6602	*5703	*5801	*0701/06/18/52	*1802	SSP,RSSO,SEQ
740	Snider,Denis	*3303	*6602	*5703	*5801	*0718	*1802	SSP
13	Tagliere,Jac	*3303	*6602	*5703	*5801	*0718	*1802	
4021	Trachtenberg	*33	*66	*57	*58	*07	*18	RVSSO,SSP
5462	Turner,E.V.	*3303	*6602	*5703	*5801	*0718	*1802	SSP,SSO,SEQ

SUMMARY

Extract 449 (Caucasian)

49 labs

A*02	51%
A*0201	39%
A*020101	8%
A*02010101	2%
A*02	100% TOTAL
A*24	53%
A*2402	35%
A*240201	6%
A*24020101	4%
A*2453	2%
A*24	100% TOTAL

49 labs

B*07	55%
B*0702/61	14%
B*070201/61	4%
B*0702	21%
B*070201	6%
B*07	100% TOTAL
B*44	47%
B*4402/19N/27	8%
B*4402/27	2%
B*4402	2%
B*44020101	2%
B*4427	39%
B*44	100% TOTAL

46 labs

Cw*07	39%
Cw*0702/50	24%
Cw*070201/50	7%
Cw*0702	24%
Cw*070201	4%
Cw*07020101	2%
Cw*07	100% TOTAL
Cw*07	28%
Cw*0704/11	31%
Cw*070401/11	9%
Cw*0704	28%
Cw*070401	2%
Cw*0711	2%
Cw*07	100% TOTAL

Extract 450

49 labs

A*24	51%
A*2402	35%
A*240201	8%
A*24020101	6%
A*24	100% TOTAL
A*33	53%
A*3301	2%
A*3303	33%
A*330301	12%
A*33	100% TOTAL

49 labs

B*44	35%
B*4403	43%
B*440302	22%
B*44	100% TOTAL
B*48	33%
B*4801/09	10%
B*480101/09	2%
B*4801	41%
B*480101	12%
B*4809	2%
B*48	100% TOTAL

46 labs

Cw*07	37%
Cw*0701/06/18/52	13%
Cw*0701/06/18	9%
Cw*0701/06	2%
Cw*070101	2%
Cw*0706	35%
Cw*07	98% TOTAL
Cw*08	30%
Cw*0801/08/11	7%
Cw*0801/11	4%
Cw*080101/11	2%
Cw*0801	48%
Cw*080101	9%
Cw*08	100% TOTAL

Extract 451 (Black/Caucasian)

49 labs

A*02	51%
A*0201	37%
A*020101	10%
A*02010101	2%
A*02	100% TOTAL
A*03	55%
A*0301	33%
A*030101	10%
A*03010101	2%
A*03	100% TOTAL

49 labs

B*52	37%
B*5201/07	4%
B*520101/07	6%
B*5201	29%
B*520101	20%
B*5207	4%
B*52	100% TOTAL
B*52	35%
B*5201	35%
B*520102	26%
B*5206	4%
B*52	100% TOTAL

46 labs

Cw*12	26%
Cw*1202	61%
Cw*120201	4%
Cw*120202	9%
Cw*12	100% TOTAL
Cw*16	28%
Cw*1601	54%
Cw*160101	18%
Cw*16	100% TOTAL

Extract 452 (Black)

49 labs

A*33	35%
A*3303/15	10%
A*3301	2%
A*3303	43%
A*330301	10%
A*33	100% TOTAL
A*66	18%
A*6602	80%
A*66	98% TOTAL

49 labs

B*57	31%
B*5703	51%
B*570301	18%
B*57	100% TOTAL
B*58	37%
B*5801/11	8%
B*580101/11	2%
B*5801	41%
B*580101	10%
B*5811	2%
B*58	100% TOTAL

46 labs

Cw*07	28%
Cw*0701/06/18/52	20%
Cw*0701/06/18	13%
Cw*0701/18//52	2%
Cw*0701/06	4%
Cw*070101	2%
Cw*0718	31%
Cw*07	100% TOTAL
Cw*18	20%
Cw*1801/02	46%
Cw*1801	2%
Cw*1802	30%
Cw*18	98% TOTAL

INVESTIGATOR	CELL NO.1361 (Caucasian)						
NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*240301	*260101	*510101	*380101	*1203	*1402	SSO,SSP,SBT
2020 Barnardo,Mar	*2403/33	*2601/24/26	*510101	*380101	*1203	*1402	PCR-SSP,SBT
5106 Brown,Colin	*2403/10/22/23+	*26	*51	*38	*1203/06/12/13	*1402/07N	PCR-SSOP,SBT
774 Cecka,J.Mich	*2403	*26	*51	*38	*12	*14	SSP,SSOP
5232 Charlton,Ron	*2403	*2601	*5101	*3801	*1203	*1402	SSO,SSP
4492 Charron,D.	*24	*26	*51	*38			PCR-SSO
798 Claas,F.H.J.	*2403	*2601	*5101	*3801	*1203	*1402	PCR-SSP,SBT
3632 Colombe,Beth	*2403	*2601	*5101	*3801	*1203	*1402	SSP
3904 Cooper,E.Sha	*24	*26	*51	*38	*12	*14	PCR-SSP
5130 Costeas,Paul	*2403	*2601	*5101/27N	*3801	*1203	*1402	
779 Daniel,Claud	*24	*26	*51	*38	*12	*14	PCR-SSP
3186 Dunckley,Hea	*24	*26	*51	*38	*12	*14	SSP
3766 Dunn,Paul	*2403/23/33/75	*26	*51	*3801/09/13/14	*12	*1402/07N/08	SSO
856 Dupont,Bo	*2403/10/23/33+	*2601/02/10/15+	*5101/03/09/11N+	*3801/09/12-14+	*1203/06+/*1604		SSO
5214 Eckels/CPMC	*24	*26	*51	*38	*12	*14	SSOP
2332 Elkhalifa,Mo	*24	*26	*51	*38	*12	*14	RVSSO
4251 Ellis,Thomas	*2403	*2601	*5101	*3801	*1203	*1402	PCR-SSO,SEQ
762 Fischer&Mayr	*2403/33	*2601/24/26	*5101	*3801	*1203	*1402	
8043 Gideoni,Osna	*2403	*2601	*5101	*3801	*1203	*1402	SSOP,SSP
810 Hamdi,Nuha	*240301	*260101	*510101	*3809	*120302	*140201	SSO
4269 Hanau,Daniel	*240301	*260101	*510101	*380101	*120301	*140201	
3808 Hogan,Patric	*24	*26	*51	*38	*12	*14	SSP
771 Israel,Shosh	*2403	*2601	*5101	*3801	*1203	*1402	PCR-SSP
859 Kamoun,Malek	*2403	*2601	*5101	*3801	*1203	*1402	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*2403	*2601	*5101	*3801	*1203	*1402	SBT
168 Klein,Tirza	*2403	*2601	*5101	*3801	*1203	*1402	PCR-SSP,SSO
278 Lee,Jar-How	*2403	*2601	*5101	*3801	*1203	*1402	SSP,RVSSOP
6649 Lim,Young Ae	*24	*26	*51	*38	*12	*14	PCR-SSP
731 Loewenthal,R	*240301	*260101	*510101	*380101	*1203	*1402	SSO,SBT
759 Lopez-Cepero	*2403/23/33/75	*2601/10/15/17+	*5101/03/12/18+	*3801/09/13/14	*1203/06/07/12/13	*1402/08	RVSSO
23 Mah,Helen	*24	*26	*51	*38	*12	*14	RVSSO
8029 Mani,Rama	*24	*26	*51	*38			PCR-SSP
792 Moore,S.Brea	*2403	*2601	*5101	*3801	*1203	*1402	PCR-SSO,SSP
4336 Park,Myoung	*24	*26	*51	*38	*1203	*1402	RVSSO
16 Pidwell,Dian	*240301	*260101	*510101	*380101	*1203	*1402	RSSO,SSP,SBT
4689 Rajczy,Katal	*2403/10/22/23+	*2601/02/08/10+	*5101/03/12/18+	*3801/09/10/12+	*1203/06/07/12+	*1402/06-08	PCR-SSP,RVSSO
3625 Rees,Tracey	NT						
5200 Reinke,Denni	*24	*26	*51	*38	*12	*14	SSP
1160 Rosen-BronGT	*24	*26	*51	*38	*12	*14	SSP,RVSSOP
793 Rubocki,Ron	*24	*26	*51	*38			PCR-SSP
4948 Sage,Deborah	*2403/10	*2601/09	*5101/11N/19/30+	*3801/10	*1203	*1402	
3519 Semana,Gilbe	NT						
8001 Sheikh,Maqso	*24	*26	*51	*38	*12	*14	RVSSOP,SSP
769 Tavoularis,S	*2403	*2601	*5101	*3801	*1203	*1402	SSO,SBT,SSP
747 Tiercy,Jean-	*240301	*260101	*510101	*380101	*1203	*1402	SSO,SSP,SBT
5451 Tilanus,Marc	*240301	*260101	*510101	*380101	*1203	*140201	SBT
5462 Turner,E.V.	*2403	*2601	*5101	*3801	*1203	*1402	SSP,SSO,SEQ
5642 Varnavidou-N	*24	*26	*51	*38	*12	*14	PCR-SSP,SSO
705 Watkins,Davi	*2403/10/22/23+	*2601g	*5101g	*3801/09-13/16	*1203/06/07/12/13	*1402/07N	

CTR	INVESTIGATOR NAME	CELL NO.1362 (Filipino) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*24020101	*2407	*3505	*4001	*040101		SSO,SSP,SBT
2020	Barnardo,Mar	*240201	*2407	*3505	*4001/55	*0401/28/30		PCR-SSP,SBT
5106	Brown,Colin	*2402	*2407	*3505	*4001	*04		PCR-SSOP,SBT
774	Cecka,J.Mich	*24	*2407	*3505/51/72	*40	*04		SSP,SSOP
5232	Charlton,Ron	*2402	*2407	*3505	*4001	*0401	*0401	SSO,SSP
4492	Charron,D.	*24	*2407	*35	*40			PCR-SSO
798	Claas,F.H.J.	*24020101	*2407	*3505	*4001	*0401		PCR-SSP,SBT
3632	Colombe,Beth	*2402/36N/47/49	*2407	*3505	*4001	*0401		SSP
3904	Cooper,E.Sha	*24020101/0202+	*2407	*3505	*4001/62/65-67	*0401		PCR-SSP
5130	Costeas,Paul	*2402	*2407	*3505	*4001	*0401	*0401/04	
779	Daniel,Claud		*2407	*35	*40(B60)	*04		PCR-SSP
3186	Dunckley,Hea	*24		*35	*4001/22N/30/34+	*04		SSP
3766	Dunn,Paul	*2402+	*2407	*3505	*40	*04		SSO
856	Dupont,Bo	*2402/09N/11N+	*2407	*3505/22/32/51+	*4001+	*0401+	*0408/15/19/17/26	SSO
5214	Eckels/CPMC	*24	*2407	*35	*40(B60)	*04	*04	SSOP
2332	Elkhalifa,Mo	*24		*35	*40	*04		RVSSO
4251	Ellis,Thomas	*2402	*2407	*3505	*4001	*0401/30	*0401/30	PCR-SSO,SEQ
762	Fischer&Mayr	*2402	*2407	*3505	*4001/55	*0401/09N/28/30		
8043	Gideoni,Osna	*2402	*2407	*3505	*4001	*0401		SSOP,SSP
810	Hamdi,Nuha	*2415	*2407	*3505	*400101	*04010101	*0405	SSO
4269	Hanau,Daniel	NT						
3808	Hogan,Patric	*24	*2407/19	*3505/17/30/32+	*40	*04		SSP
771	Israel,Shosh	*2402	*2407	*3505	*4001	*0401		PCR-SSP
859	Kamoun,Malek	*2402	*2407	*3505	*4001	*0401		PCR-SSO,SSP
4337	Kim,Tai-Gyu	*2402/09N	*2407	*3505	*4001	*0401		SBT
168	Klein,Tirza	*2402	*2407	*3505	*4001	*0401		PCR-SSP,SSO
278	Lee,Jar-How	*2402/64/73	*2407	*3505	*4001	*0401/12/15/17-20/23-26/28/30/31		SSP,RVSSOP
6649	Lim,Young Ae	*24		*35	*40(B60)	*04		PCR-SSP
731	Loewenthal,R	*240201	*2407	*3505	*4001	*040101		SSO,SBT
759	Lopez-Cepero	*2402/05/13/15+	*2407	*3505	*4001/43/54/55+	*0401/05/07/12/15+		RVSSO
23	Mah,Helen	*24	*2407	*3505	*4001+	*04	*04	RVSSO
8029	Mani,Rama	*24	*24	*35	*40			PCR-SSP
792	Moore,S.Brea	*2402	*2407	*3505	*4001	*0401		PCR-SSO,SSP
4336	Park,Myoung	*24	*2407	*35	*40	*04		RVSSO
16	Pidwell,Dian	*240201	*2407	*3505	*4001	*040101/30		RSSO,SSP,SBT
4689	Rajczy,Katal	*2402/05/13/20+	*2407	*3505/72	*4001/79/81/84+	*0401/04/05/08/09N+		PCR-SSP,RVSSO
3625	Rees,Tracey	NT						
5200	Reinke,Denni	*24		*35	*40(B60)	*04		SSP
1160	Rosen-BronGT	*24		*3505	*4001	*04		SSP,RVSSOP
793	Rubocki,Ron	*24		*35	*40			PCR-SSP
4948	Sage,Deborah	*2402	*2407	*3505	*4001/55	*0401/09N/28/30		
3519	Semana,Gilbe	*2402	*2407	*3505	*4001	*0401		SBT
8001	Sheikh,Maqso	*24		*35	*4001/54/55/62+	*04		RVSSOP,SSP
769	Tavoularis,S	*2402	*2407	*3505	*4001	*0401		SSO,SBT,SSP
747	Tiercy,Jean-	*24020101	*2407	*3505	*4001	*0401		SSO,SSP,SBT
5451	Tilanus,Marc	*24020101	*2407	*3505	*4001	*040101		SBT
5462	Turner,E.V.	*2402	*2407	*3505	*4001	*0401		SSP,SSO,SEQ
5642	Varnavidou-N	*24		*35	*40	*04		PCR-SSP,SSO
705	Watkins,Davi	*2402g		*3505/51/72	*4001g	*0401g		

CTR	INVESTIGATOR NAME	CELL NO.1363 (Hispanic) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*300201	*680301	*080101	*3905	*0701	*070201	SSO,SSP,SBT
2020	Barnardo,Mar	*300201	*680301	*080101	*3905	*0701/06/18/52	*0702/50/66	PCR-SSP,SBT
5106	Brown,Colin	*3002	*6803	*0801	*3905	*07		PCR-SSOP,SBT
774	Cecka,J.Mich	*30	*68	*08	*39	*07		SSP,SSOP
5232	Charlton,Ron	*3002	*6803	*0801	*3901/05	*0701	*0702	SSO,SSP
4492	Charron,D.	*3002	*6803	*0801/36	*3905	*0701	*0702/27	PCR-SSP
798	Claas,F.H.J.	*3002	*6803	*0801	*3905	*0701	*0702	PCR-SSP,SBT
3632	Colombe,Beth	*3002	*6803	*0801	*3905	*0701	*0702	SSP
3904	Cooper,E.Sha	*30	*68	*08	*39	*070101-0104	*0702	PCR-SSP
5130	Costeas,Paul	*3002	*6803	*0801	*3905	*0701	*0702	
779	Daniel,Claud	*30	*68	*08	*39	*07		PCR-SSP
3186	Dunckley,Hea	*30	*68	*08	*39	*07		SSP
3766	Dunn,Paul	*3002/10/12	*6803/24	*08	*39	*0701+	*0702+	SSO
856	Dupont,Bo	*3002/10/12	*6803/24	*0801+	*3910/16/20	*0701+	*0702+	SSO
5214	Eckels/CPMC	*30	*68	*08	*39	*07	*07	SSOP
2332	Elkhalifa,Mo	*30	*68	*08	*39	*07		RVSSO
4251	Ellis,Thomas	*3002	*6803	*0801	*3905	*0701/06/18/19	*0702/27/50	PCR-SSO,SEQ
762	Fischer&Mayr	*3002	*6803	*0801/19N	*3905	*0701/06/18/52	*0702/50	
8043	Gideoni,Osna	*3002	*6803	*0801	*3905	*0701	*0702	SSOP,SSP
810	Hamdi,Nuha	*300201	*680301	*080101	*3905	*070101	*0713	SSO
4269	Hanau,Daniel	NT						
3808	Hogan,Patric	*30	*68	*08	*39	*07	*07	SSP
771	Israel,Shosh	*3002	*6803	*0801	*3905	*0701	*0702	PCR-SSP
859	Kamoun,Malek	*3002	*6803	*0801	*3905	*0701	*0702	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*3002	*6803	*0801	*3905	*0701	*0702	SBT
168	Klein,Tirza	*3002	*6803	*0801	*3905	*0701	*0702	PCR-SSP,SSO
278	Lee,Jar-How	*3002	*6803/24	*0801/19N/23/36	*3901/05/19/26+	*07		SSP,RVSSOP
6649	Lim,Young Ae	*30	*68	*08	*39	*07		PCR-SSP
731	Loewenthal,R	*300201	*680301	*080101	*3905	*0701	*0702	SSO,SBT
759	Lopez-Cepero	*3002/10/12	*6803/24	*0801/15/18/22+	*3905/01/19/26/27+	*0701/06/18-20+	*0702/05/13/23+	RVSSO
23	Mah,Helen	*3002/10/12	*6803/24	*08	*3901/05+	*0701+	*0702+	RVSSO
8029	Mani,Rama	*30	*68	*08	*39			PCR-SSP
792	Moore,S.Brea	*3002	*6803	*0801	*3905	*0701	*0702	PCR-SSO,SSP
4336	Park,Myoung	*3002/10/12	*6803/24	*08	*39	*07		RVSSO
16	Pidwell,Dian	*300201	*680301	*080101//*0823	*3905//*3901	*070101/18//*0719	*070201/50//*0727	RSSO,SBT,SSP
4689	Rajczy,Katal	*3002/10/12	*6803/24	*0801/10-12/18+	*3905/11/26/30/37+	*07		PCR-SSP,RVSSO
3625	Rees,Tracey	NT						
5200	Reinke,Denni	*30	*68	*08	*39	*07		SSP
1160	Rosen-BronGT	*30	*6803/24	*08	*39	*07		SSP,RVSSOP
793	Rubocki,Ron	*30	*68	*08	*39			PCR-SSP
4948	Sage,Deborah	*3002	*6803	*0801/19N/23	*3901/05	*0701/06/18/19/52	*0702/27/50	
3519	Semana,Gilbe	NT						
8001	Sheikh,Maqso	*30	*68	*08	*39	*07		RVSSOP,SSP
769	Tavoularis,S	*3002	*6803	*0801/23	*3901/01L/05	*0701	*0702	SSO,SBT,SSP
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*300201	*680301	*080101	*3905	*070101	*070201	SBT
5462	Turner,E.V.	*3002	*6803	*0801	*3905	*0701	*0702	SSP,SSO,SEQ
5642	Varnavioud-N	*30	*68	*08	*39	*07		PCR-SSP,SSO
705	Watkins,Davi	*3002/10	*6803	*0801g	*3901g	*07		

INVESTIGATOR	CELL NO.1364 (Hispanic)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*24020101	*680301	*44020101	*3905	*070201	*160401	SSO,SSP,SBT
2020 Barnardo,Mar	*240201	*680301	*4402/19N	*3905	*0702/50/66	*1604	PCR-SSP,SBT
5106 Brown,Colin	*24	*6803	*44	*3905	*07	*1604	PCR-SSOP,SBT
774 Cecka,J.Mich	*24	*68	*44	*39	*07	*1604	SSP,SSOP
5232 Charlton,Ron	*2402	*6803	*4402	*3905	*0702	*1604	SSO,SSP
4492 Charron,D.	*2402/71/88/90	*6803	*4402	*3905	*0702	*1604	PCR-SSP
798 Claas,F.H.J.	*24020101	*6803	*4402	*3905	*0702	*1604	PCR-SSP,SBT
3632 Colombe,Beth	*2402	*6803	*4402	*3905	*0702	*1604	SSP
3904 Cooper,E.Sha	*24	*68	*44	*39	*07	*160401	PCR-SSP
5130 Costeas,Paul	*2402	*6803	*4402	*3905	*0702	*1604	
779 Daniel,Claud	*24	*68	*44	*39	*07	*1604	PCR-SSP
3186 Dunckley,Hea	*24	*68	*44	*39	*07	*16	SSP,SBT
3766 Dunn,Paul	*24	*6803/24	*4402+	*3905	*07	*1604	SSO
856 Dupont,Bo	*2402/09N/11N+	*6803/24	*4402/11/19N/23N+	*3902/08/10/13+	*0702+//*0739	*1604//*1203+	SSO
5214 Eckels/CPMC	*24	*68	*44	*3905	*07	*1604	SSOP
2332 Elkhalifa,Mo	*24	*68	*44	*39	*07	*16	RVSSO
4251 Ellis,Thomas	*2402	*6803	*4402/19N	*3905	*0702/50	*1604	PCR-SSO,SEQ
762 Fischer&Mayr	*2402	*6803	*4402/19N/27	*3905	*0702/50	*1604	
8043 Gideoni,Osna	*2402	*6803	*4402	*3905	*0702	*1604	SSOP,SSP
810 Hamdi,Nuha	*24020101	*680301	*44020101	*3905	*07020101	*160401	SSO
4269 Hanau,Daniel	NT						
3808 Hogan,Patric	*24	*68	*44	*39	*07	*16	SSP
771 Israel,Shosh	*2402	*6803	*4402	*3905	*0702	*1203	PCR-SSP
859 Kamoun,Malek	*2402	*6803	*4402	*3905	*0702	*1604	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*2402/09N	*6803	*4402	*3905	*0702	*1604	SBT
168 Klein,Tirza	*2402	*6803	*4402	*3905	*0702	*1604	PCR-SSP,SSO
278 Lee,Jar-How	*2402	*6803	*4402	*3905	*0702	*1604	SSP,RVSSOP
6649 Lim,Young Ae	*24	*68	*44	*39	*07	*16	PCR-SSP
731 Loewenthal,R	*240201	*680301	*440201	*3905	*070201/50	*160401	SSO,SBT
759 Lopez-Cepero	*2402/15/20/21+	*6803/24	*4402/27/33/41+	*3905	*0702/13/25/29+	*1604	RVSSO
23 Mah,Helen	*24	*6803/24	*44	*3905	*0702+	*1604	RVSSO
8029 Mani,Rama	*24	*68	*44	*39			PCR-SSP
792 Moore,S.Brea	*2402	*6803	*4402	*3905	*0702	*1604	PCR-SSO,SSP
4336 Park,Myoung	*24	*6803/24	*44	*39	*0702/50	*1604	RVSSO
16 Pidwell,Dian	*240201	*680301	*440201/19N	*3905	*070201/50	*160401	RSSO,SSP,SBT
4689 Rajczy,Katal	*2402/17/20/21+	*6803	*4402/19N/23N/27+	*3905/11	*0702/04/05/12+	*1604	PCR-SSP,RVSSO
3625 Rees,Tracey	NT						
5200 Reinke,Denni	*24	*68	*44	*39	*07	*16	SSP
1160 Rosen-BronGT	*24	*68	*44	*3905	*07	*1604	SSP,RVSSOP
793 Rubocki,Ron	*24	*68	*44	*39			PCR-SSP
4948 Sage,Deborah	*2402	*6803	*4402/19N/27	*3905	*0702/50	*1604	
3519 Semana,Gilbe	*2402	*6803	*4402	*3905	*07	*1604	SBT
8001 Sheikh,Maqso	*24	*68	*44	*39	*07	*16	RVSSOP,SSP
769 Tavoularis,S	*2402	*6803	*4402/02S	*3905	*0702/50	*1604	SSO,SBT,SSP
747 Tiercy,Jean-	NT						
5451 Tilanus,Marc	*24020101	*680301	*44020101	*3905	*070201	*1604	SBT
5462 Turner,E.V.	*2402	*6803	*4402	*3905	*0702	*1604	SSP,SSO,SEQ
5642 Varnavidou-N	*24	*68	*44	*39	*07	*16	PCR-SSP,SSO
705 Watkins,Davi	*2402g	*6803	*4402g	*3905	*0702g	*1203/*1604	

Cell 1361 (Caucasian)

47 labs

A*24	53%
A*2403	34%
A*240301	13%
A*24	100% TOTAL
A*26	55%
A*2601	30%
A*260101	15%
A*26	100% TOTAL

47 labs

B*51	53%
B*5101	32%
B*510101	15%
B*51	100% TOTAL
B*38	51%
B*3801	32%
B*380101	15%
B*3809	2%
B*38	100% TOTAL

44 labs

Cw*12	41%
Cw*1203	52%
Cw*120302	5%
Cw*12	98% TOTAL
Cw*14	41%
Cw*1402	50%
Cw*140201	7%
Cw*14	98% TOTAL

Cell 1362 (Filipino)

47 labs

A*24	49%
A*2402	32%
A*240201	6%
A*24020101	9%
A*2415	2%
A*24	98% TOTAL
A*24	23%
A*2407	77%
A*24	100% TOTAL

47 labs

B*35	36%
B*3505	64%
B*35	100% TOTAL
B*40	51%
B*4001	47%
B*400101	2%
B*40	100% TOTAL

44 labs

Cw*04	57%
Cw*0401	34%
Cw*040101	7%
Cw*04010101	2%
Cw*04	100% TOTAL

Cell 1363 (Hispanic)

45 labs

A*30	31%
A*3002/10/12	13%
A*3002/10	2%
A*3002	40%
A*300201	14%
A*30	100% TOTAL
A*68	29%
A*6803/24	18%
A*6803	40%
A*680301	13%
A*68	100% TOTAL

45 labs

B*08	60%
B*0801	29%
B*080101	11%
B*08	100% TOTAL
B*39	58%
B*3905	42%
B*39	100% TOTAL

43 labs

Cw*07	58%
Cw*0701	37%
Cw*070101	5%
Cw*07	100% TOTAL
Cw*07	60%
Cw*0702	33%
Cw*070201	5%
Cw*0713	2%
Cw*07	100% TOTAL

Cell 1364 (Hispanic)

46 labs

A*24	52%
A*2402	33%
A*240201	6%
A*24020101	9%
A*24	100% TOTAL
A*68	30%
A*6803/24	11%
A*6803	46%
A*680301	13%
A*68	100% TOTAL

46 labs

B*44	48%
B*4402/19N/27	4%
B*4402/19N	4%
B*440201/19N	2%
B*4402	33%
B*440201	2%
B*44020101	7%
B*44	100% TOTAL
B*39	33%
B*3905	67%
B*39	100% TOTAL

44 labs

Cw*07	48%
Cw*0702/50	11%
Cw*070201/50	5%
Cw*0702	30%
Cw*070201	4%
Cw*07020101	2%
Cw*07	100% TOTAL
Cw*16	16%
Cw*1604	66%
Cw*160401	11%
Cw*16	93% TOTAL

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	CELL NO.1361 VIAB %	A24	A26	B51	B38	BW4	OTHERS (CAUC)	CELL NO.1362 VIAB %	A24	B35	B60	CW4	BW6	OTHERS (FILP)	CELL NO.1363 VIAB %	A30	A68	B8	B39	CW7	BW6	OTHERS (HISP)	CELL NO.1364 VIAB %	A24	A68	B44	B39	CW7	BW4	BW6	OTHERS (HISP)
Abbal,Michel	7	90	+	+	+	+	+		90	+	+	+		+		90	+	+	+	+		+		90	+	+	+	+		+	+	
Alonso,Anton	6	90	+	+	+	+		CW6	95	+	+	+	+		CW3	90	+	+	+	+	+			90	+	+	+	+	+			
Alvarez,Carr	9	80	+	+	+	+	+		80	+	+	+	+	+		80	+	+	+	+	+	+		80	+	+	+		+	+	+	B38
Anthony Nola	7	98	+	+	+	+			99	+	+	+				99	+	+	+				B38	99	+	+	+					B38
Berka,Noured	3	99	03	+	+	+	+		99	+	+	+	+	+		99	+	+	+	+	+	+		99	+	+	+16		+	+	+	
Bow,Laurine	3	98	+	+	+	+	+		99	+	+	+	+	+		99	+28		+	+	+	+		99	+28		+	+	+	+	+	
Burger,Joe	2	99	03	+	+	+	+		99	+	+	+	+	+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Cecka,J.Mich	3	95	+	+	+	+	+		95	+	+	+		+		95	+	+	+	+		+		95	+	+	+	+		+	+	
Chan MD,Soh	6	NT							NT							NT								NT								
Charron,D. P	10	80	+	+	+	+			70	+	+40					60	+	+	+16					50	+	+	+16					
Choo,Yoon MD	2	99	03	+	+	+	+		99	+	+	+	+	+	CW3	99	+28		+16		+	+		99	+	+	+16		+	+	+	
Claas,F.H.J.	7	???	03	+	+	+	+		???	+	+	+	+	+		???	+	+	+	+	+	+		???	+	+	+	+	+	+	+	
Cooper,E. Sh	2	99	+	+	+	+	+		99	+	+	+		+		99	+	+	+	+		+		99	+	+	+	+		+	+	
Dhaliwal,J.S	14	C							C							C								95		28			+	+	+	B8,B38,A23
Du Toit,Erne	10	C							C							C								C								
Dunckley,Hea	8	95	+	+	+	+			95	+	+	+				85	1928		+	+				95	+28		+	+				
Dunk,Arthur	2	98	03	+	+	+	+		98	+	+	+	+	+		98	+28		+	+	+	+		98	+28		+	+	+	+	+	
Dunn,Paul Dr	8	95	+	+	+	+	+		95	+	+	+		+		95	+	+	+	+		+		95	+	+	+	+		+	+	
Eckels/CPMC,	2	98	+	+	+	+	+		98	+	+	+	+	+		90	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Eckels/Utah,	3	98	03	+	+	+	+		98	+	+	+	+		BW4	98	+		+	+	+	+	A69	99	+28		+	+	+	+	+	
Eisenbrey,A.	2	99	+	+	+	+	+		99	+	+	+	+	+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Esteves Kond	2	98	03	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+	+	3905	98	+	+	+	+	+	+	+	3905
Fischer,Joha	9	98	+	+	+	+	+		95	+	+	+		+		95	+	+	+	+		+		95	+	+	+	+		+	+	
Goggins,R.	2	98	+	+	+	+	+	CX14	98	+	+	+	+	+		98	+28		+	+	+	+		98	+28		+	+	+	+	+	
Hahn,Amy B.	2	99	03	+	+	+	+		99	+	+	+	+	+		99	+	+	+	+	+	+		99	+	+	+	+	+	+	+	
Harville,Ter	2	98	03	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Hirankarn MD	13	NT							NT							NT								NT								
Hogan,Patric	8	85	+	+	+	+	+		85	+	+	+	+	+		85	+	+	+	+	+	+		85	+28		+	+	+	+	+	
Holdsworth,R	7	80	+	+	+	+	+		90	+	+	+	+	+		90	+	+	+	+		+		90	+	+	+	+		+	+	
Hubbell,Char	6	95	03	+	+	+	+		95	+	+	+		+		95	+	+	+	+		+		95	+28		+	+		+	+	
Ichikawa MD,	7	40	+	+	+	+			40	+	+	+		+		40		+	+	+			A31	100	+	+	+	+		+	+	
Jaramillo,An	3	98	03	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Keown,Paul M	2	97	+	+	+16		+		97	+	+	+		+		98	+28		+16			+		97	+28		+16			+	+	
Klein,Tirza	7	95	+	+	+	+	+		98	+	+	+	+	+		95	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Kvam,Vonnett	2	90	+	+	+	+	+	CX14	90	+	+	+	+	+		98	+28		+	+	+	+		98	+28		+	+	+	+	+	
Lardy,N.M. D	7	70	03	+	+	+	+		90	+	+	+		+		90	+28		+	+	+	+		70	+28		+	+	+	+	+	
Lebeck,Laura	3	98	03	+	+	+	+		98	+	+	+	+	+		98	+28		+	+	+	+		98	+28		+	+	+	+	+	
Lo,Raymundo	6	98	03	+	+	+	+		98	+	+	+		+		98	+		+	+		+	A2	98	+	+	+			+	+	B38
Loewenthal M	7	95	+	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Lopez-Cepero	2	99	+	+	+	+	+	CX14	99	+	+	+	+	+		99	+	+	+	+	+	+	3905	99	+	+	+	+	+	+	+	3905
MacCann,Eile	2	98	+	+	+	+	+		98	+	+	+		+		98	+	+	+	+		+		98	+	+	+	+		+	+	
Mah,Helen	3	98	+	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
McAlack,Robe	2	97	+	+	+	+	+		97	+	+	+	+	+		97	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
McAlack-Bala	2	98	03	+	+	+	+		98	+	+	+	+	+		98	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
McCluskey,Ja	8	95	+	+	+	+	+	CW7	95	A9	+	+	+	+		95	+28		+	+		+		95	+28		+	+	+	+	+	
Meyer,Pieter	13	80	+	+	+	+			85	+	+	+	+			85	+	+	+	+	+			80	+	+	+	+	+			
Mpuntsha,Loy	8	85	+	+	+16		+		85	+	+	+		+	A31,BW4	85		28	+			+	A31,B38	85	+28		+			+	+	B38
Norin,Allen	3	99	+	+	+	+	+		99	+	+	+		+		99	+	+	+	+		+		99	+	+	+	+		+	+	
Pais,Maria L	13	99	+	+	+16				99	+	+	+				99	+		+				A26,B38	99	+	+	+					B38
Park,Myoung	6	98	+	+	+	+	+		98	+	+	+	+	+		99	+28		+	+	+	+		98	+28		+	+	+	+	+	

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	CELL NO.1361 VI A B %	A2 4	A2 6	B5 1	B3 8	B W 4	(CAUC) OTHERS	CELL NO.1362 VI A B %	A2 4	B3 5	B6 0	C W 4	B W 6	(FILP) OTHERS	CELL NO.1363 VI A B %	A3 0	A6 8	B8	B3 9	C W 7	B W 6	(HISP) OTHERS	CELL NO.1364 VI A B %	A2 4	A6 8	B4 4	B9 3	C W 7	B W 4	B W 6	(HISP) OTHERS
Permpikul,Ve	9	NT							NT							NT								NT								
Phelan,Donna	2	90	03	+	+	+	+	CX14,CX12	94	+	+	+	+	+		97	+	+	+	+	+	+		98	+	+	+	+	+	+	+	
Pidwell,Dian	2	95		+	+	+	+	A24V	95	+	+	+	+	+		95	+	+	+	+	+	+		95	+	+	+	+	+	+	+	
Pollack,Mari	3	98		+	+	+	+		98	+	+	+	+	+		98	+28		+	+	+	+		98	+28		+	+	+	+	+	
Rajczy,Katal	7	95		+	+	+	+		NT							95	+28		+	+	+	+		95	+28		+	+	+	+	+	
Rees,Tracey	8	50	03	+	+	+	+		40	+	+	+	+	+		40	+	+	+	+	+	+		40	+	+	+	+	+	+	+	
Rosen-BronGT	3	90		+	+	+	+		90	+	+	+				90	+	+	+	+				90	+	+	+	+				
Rosen-BronMS	2	95	03	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+		95	+	+	+		+	+	+	B38
Rubocki,Rona	2	99		+	+	+	+		99	+	+	+		+		99	+28		+	+		+		99	+28		+	+		+	+	
Sauer,Gottwa	7	70	03	+	+	+	+		85	+	+	+	+	+		85	+	+	+	+	+	+		70	+	+	+	+	+	+	+	
Semana MD,Gi	15	80		+	+	+	+		90	+	+	+		+	BW4	90	+	+	+	+		+		90	+	+	+	+		+	+	
Sperry,Roxan	2	98		+	+	+	+		98	+	+	+	+	+		98	+28		+	+	+	+		98	+28		+	+	+	+	+	
Tagliere,Jac	1	100	03	+	+	+	+		100	+	+	+	+	+		100	+	+	+	+	+	+		100	+	+	+	+	+	+		
Tiercy,Jean-	8	70	03	+	+	+	+		80	+	+	+		+		NT								NT								
Tilanus,Marc	9	???	03	+	+	+	+		???	+	+	+		+		???	+28		+	+		+		???	+28		+	+		+	+	
Varnavidou-N	6	98		+	+	+	+		98	+	+	+		+		98	+	+	+16				BW4	98	+	+	+16			+	+	
Vidan-Jeras,	9	100	03	+	+	+	+		95	+	+	+	+	+		95	+	+	+	+	+	+		100	+28		+	+	+	+	+	
Walter Reed	2	97	03	+	+	+	+		97	+	+	+	+	+		97	+28		+	+	+	+		97	+28		+	+	+	+	+	
Wisecarver,J	7	98	03	+	+	+	+		98	+	+	+		+		98	+28		+	+		+		98	+28		+	+		+	+	

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* SUMMARY TABLE *
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(CAUC)	(FILP)	(HISP)	(HISP)
**** CELL 1361 ****	**** CELL 1362 ****	**** CELL 1363 ****	**** CELL 1364 ****
(64 SAMPLES TYPED)	(63 SAMPLES TYPED)	(63 SAMPLES TYPED)	(64 SAMPLES TYPED)
A24 60.9%	A24 98.4%	A30 95.2%	A24 98.4%
2403 39.1%	A9 1.6%	A19 1.6%	(98.4%)
(100.0%)	(100.0%)	(96.8%)	
			A68 64.1%
A26 100.0%	B35 100.0%	A68 65.1%	A28 35.9%
(100.0%)		A28 30.2%	(100.0%)
	B60 98.4%	(95.2%)	
B51 100.0%	B40 1.6%		B44 98.4%
(100.0%)	(100.0%)	B8 100.0%	(98.4%)
B38 95.3%	CW4 61.9%	B39 88.9%	B39 81.3%
B16 4.7%		B16 6.3%	B16 7.8%
(100.0%)	BW6 87.3%	(95.2%)	(89.1%)
BW4 87.5%		CW7 61.9%	CW7 64.1%
		BW6 85.7%	BW4 89.1%
			BW6 87.5%

(OTHERS FOUND)	(OTHERS FOUND)	(OTHERS FOUND)	(OTHERS FOUND)
CX14 6.3%	BW4 4.8%	B38 4.8%	B38 10.9%
CW7 1.6%	CW3 3.2%	A31 3.2%	3905 3.1%
CX12 1.6%	A31 1.6%	3905 3.2%	A23 1.6%
CW6 1.6%		A26 1.6%	B8 1.6%
A24V 1.6%		BW4 1.6%	
		A69 1.6%	
		A2 1.6%	

*** 69 LABORATORIES REPLIED ***
********** NEXT SHIPMENT: 06/10/2009 **********