

# REPORT OF THE 353rd CELL EXCHANGE

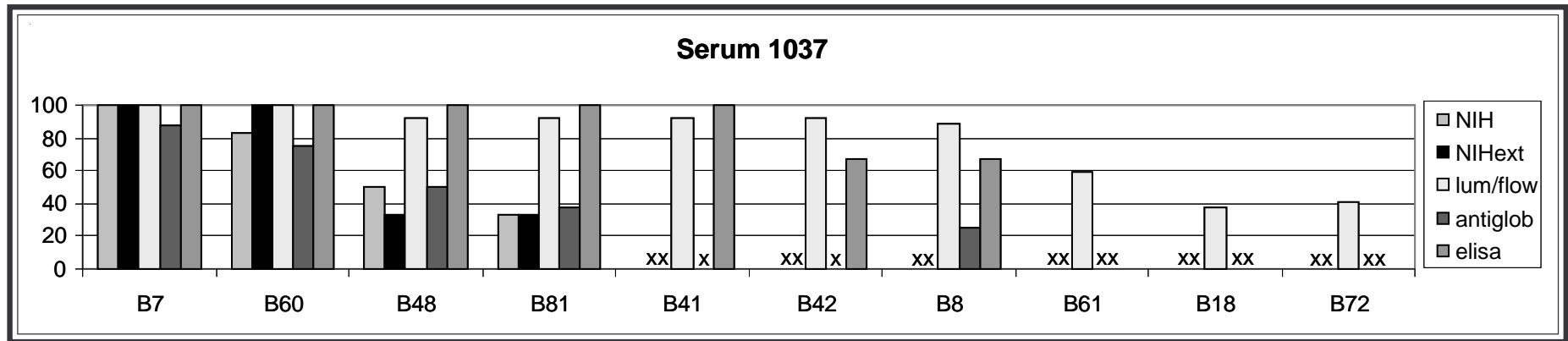
NOVEMBER 10, 2010

Serum	1037-1040
DNA Extract	497-500
Cells	1409-1412

## Serum Exchange

Four antibodies (sera 1037-1040) with 7CREG specificities were included in this exchange study. Two distinct reactivity patterns were demonstrated, with sera 1037 and 1039 showing positivity predominantly to Bw6-related 7C

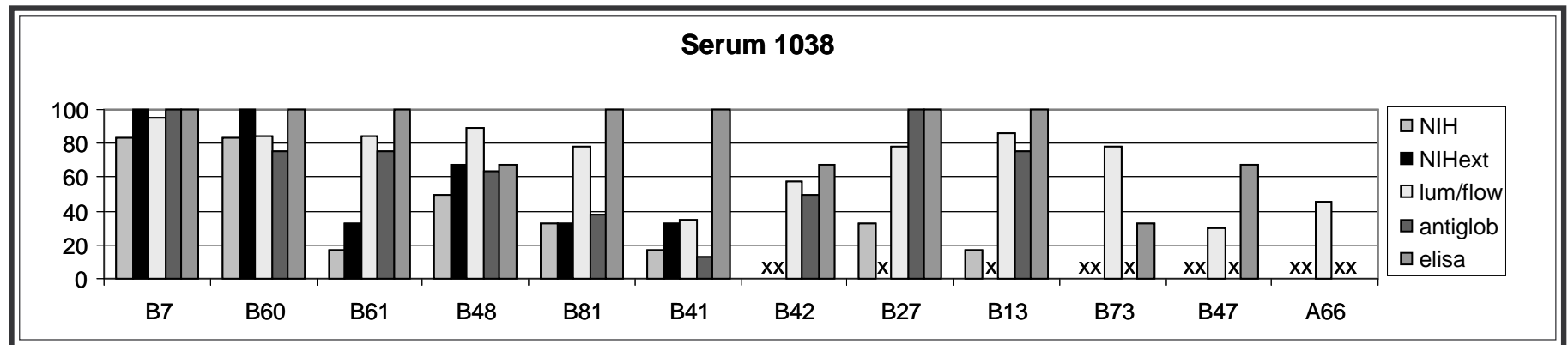
specificities, whereas sera 1038 and 1040 were reactive to both Bw4- and Bw6-positive 7C specificities.

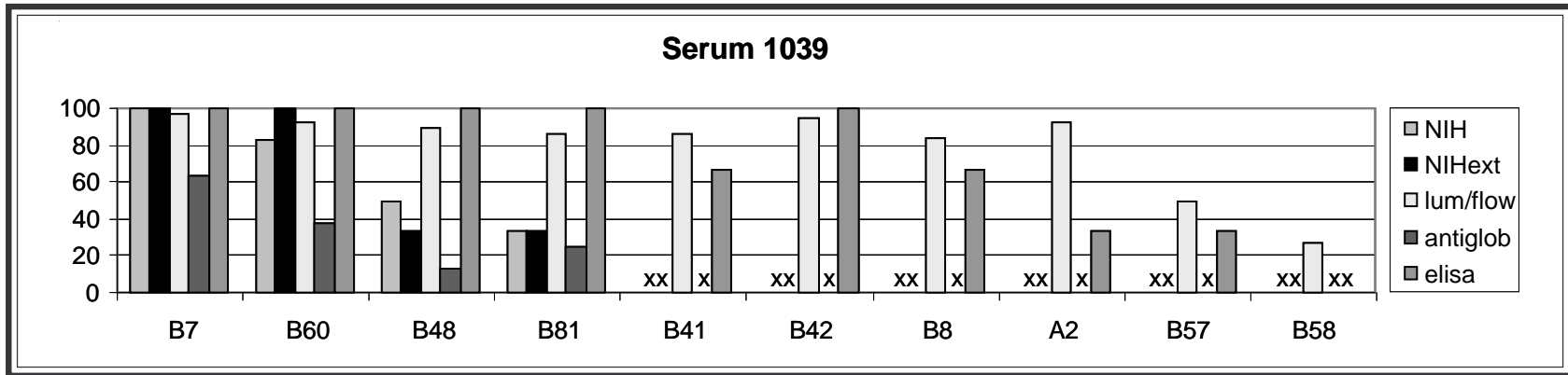


**Serum 1037** was positive to B7, B60, B48, and B81 by all methods. Additional 7C specificities, including B8, B41, and B42, were strongly detected by Luminex, flow, and ELISA labs. Weaker reactivity to B61 was reported by Luminex and flow. These reactive specificities belonging to the Bw6 epitope,

share R at position 131, located on the alpha 2 chain.

**Serum 1038** was reactive to B7, B60, B61, B48, and B81; these Bw6 specificities share K at position 178 in the alpha 2 domain. Anti-B41 reactivity was also reported, strongly by the ELISA labs and weakly by labs using other



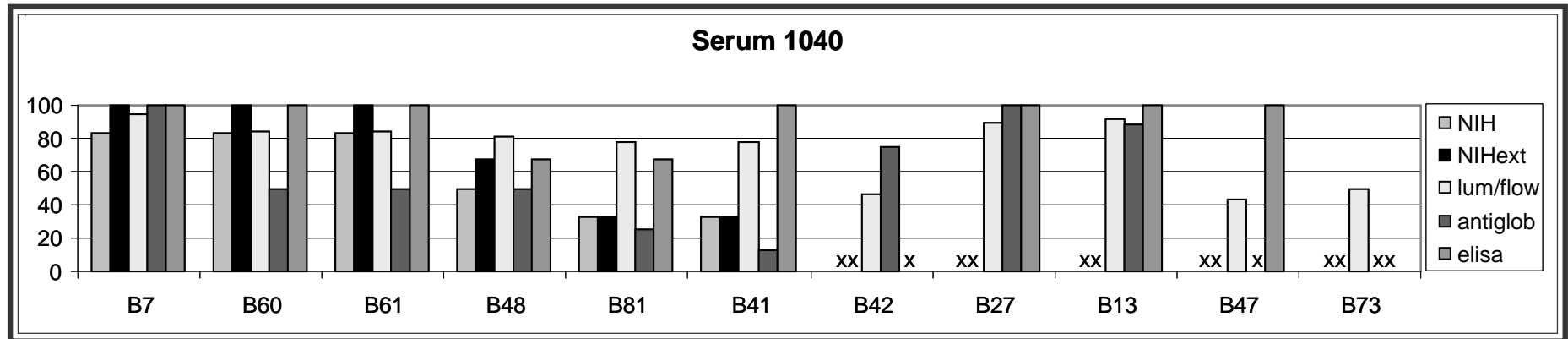


methods. This sample was also found to be positive to B13, B27, B42, B47, and B73. Luminex and flow reported additional reactivity to A66.

The reactivity pattern of **serum 1039** was similar to that of serum 1037. Additional reactivity was also reported for A2-B17 by labs using Luminex,

flow, and ELISA methods.

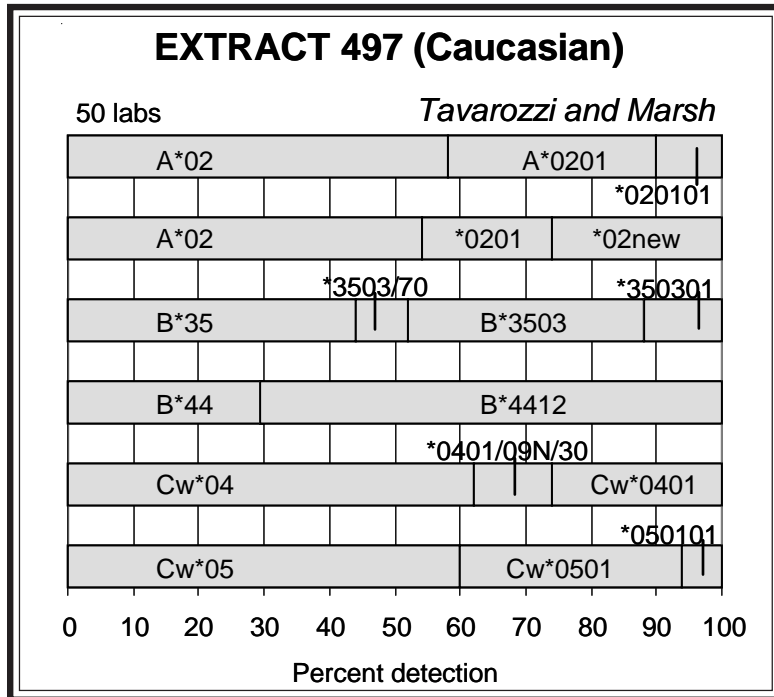
**Serum 1040** demonstrated a similar reactivity pattern to 7C specificities, both Bw4- and Bw6-positive, as indicated by serum 1038. This sample was previously tested as serum 975 in 2008.



## Extract Exchange

We wish to acknowledge the generosity of **Steve Cox, Franco Tavarozzi, Steve Marsh, and Alejandro Madrigal, Anthony Nolan Research Institute, The Royal Free Hospital, London**, in providing vital reference cells to study in our exchanges.

This month's study featured different B\*35 alleles, including B\*3503 and B\*3543, and B\*44 alleles, including B\*4404 and the rare B\*4412. In addition, a novel A-locus allele was detected in one of the cells, extract 497, derived from a Caucasian donor.



**Extract 497.** This Caucasian cell was MOV002AN, the reference B\*4412 cell. It was previously typed as extracts 201 (2002) and 274 (2004), as correctly identified by Barnardo and Brown.

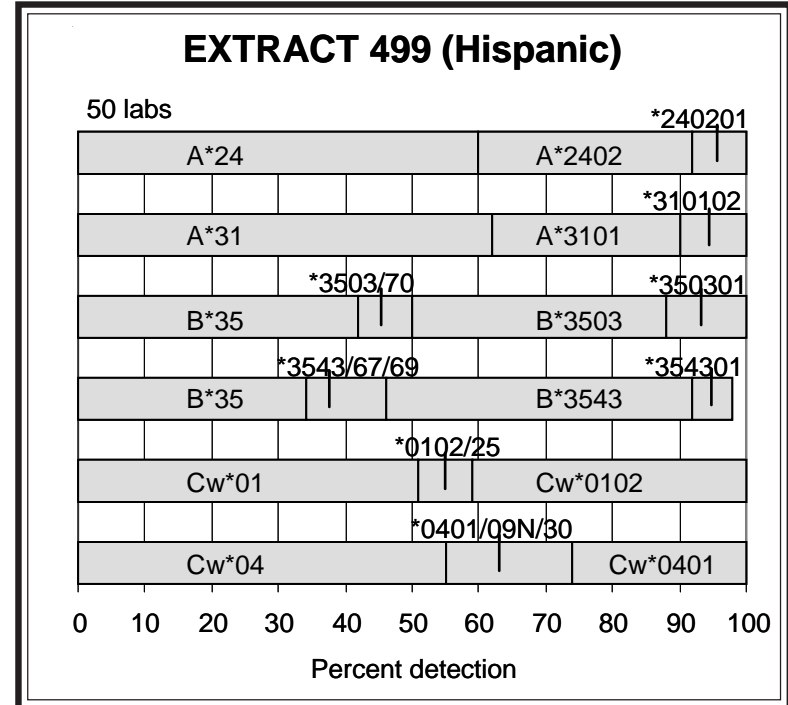
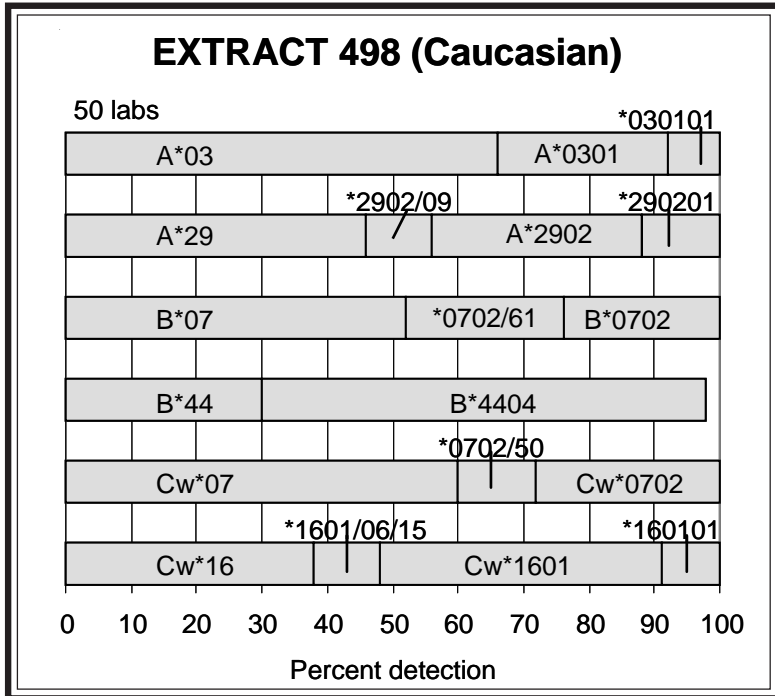
A new A\*02 allele was found by 14 labs, including Adams, Anthony Nolan Trust, Chen, Du, Hidajat, Jaatinen, Fischer, KW Lee, McIntyre, Reed, Reinsmoen, Scornik, Turner, and University of Michigan Health Systems Histo Lab. These labs stated that the novel sequence was closest to that of A\*020101, with a single nucleotide substitution, C->T at pos 880, exon 4, causing an amino change of Leu to Phe, CTC->TTC, at codon 270. In the 2004 typing, Wernet detected the same substitution and noted a new A\*02, closest to A\*0201. Anthony Nolan Trust commented that this position was previously thought to be a conserved C in all HLA-A alleles. The University of Michigan Health Systems Histo Lab also said that this new motif has not been found in any other A-, B-, or C-locus allele and may represent a point mutation. Cao and Reinsmoen submitted this new sequence to IMGT, "The GenBank accession number for this cell is HQ451948 and IMGT number is HWS10011505." (Cao, personal communication, 11/1/10).

The other A-locus allele was the standard A\*0201, as assigned by 42%.

In this present retyping, B\*4412 was assigned by 70%.

B\*3503 was reported by 48% as the second B-locus allele.

The likely associations in this cell were B\*3503-Cw\*0401 and B\*4412-Cw\*0501.



**Extract 498.** This Caucasian cell was FH11, studied in the international workshops as IHW#9385. It was previously typed in the Cell Exchange as extracts 142 (2000) and 203 (2004), as noted by Barnardo and Brown.

In this present retyping, B\*4404 was reported by 68%.

The probable haplotypes were A\*0301-B\*0702-Cw\*0702 and A\*2902-B\*4404-Cw\*1601. The NMDP Bioinformatics web site listed A\*0301g-B\*0702g-Cw\*0702 as frequently found in all populations, and ranked as the second most frequently haplotype found in Caucasians (HF=0.05890). A\*2902-B\*4404-Cw\*1601 was listed with HF=0.00070, found in Caucasians only.

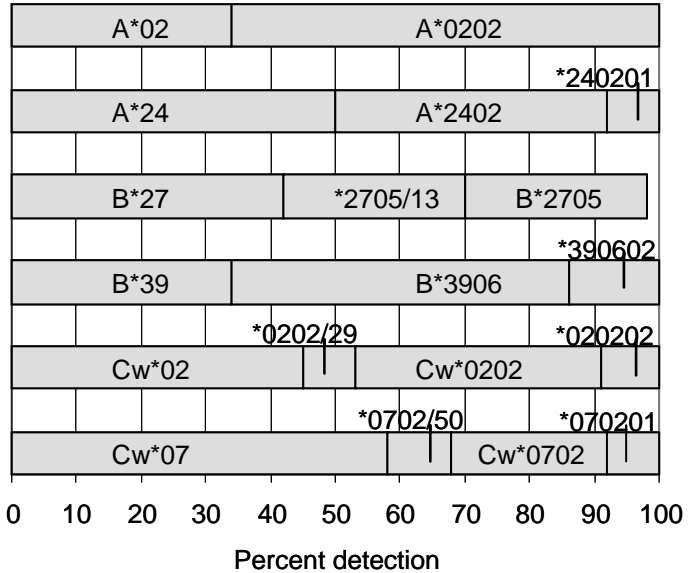
**Extract 499.** Two different B\*35 alleles, B\*3503 (34%) and B\*3543 (52%), were present in this Hispanic individual.

A\*2402 and A\*3101 were assigned by 60%.

The C-locus types were Cw\*0102 (41%) and Cw\*0401 (26%). B\*3543-Cw\*0102 is found in strong linkage disequilibrium. Previous B\*3543 exchange donors, extract 356 (Hispanic), cell 983 (Caucasian), and cell 1380 (Hispanic), had the B\*3543-Cw\*0102 association.

### EXTRACT 500 (Hispanic)

50 labs



**Extract 500.** This Hispanic donor was previously typed in the Cell Exchange as cell 1325 in 2008, as commented by Barnardo and Brown.

B\*3906 was detected by 66% in this retyping.

B\*2705 (28%) was typed by 28%.

The likely associations were A\*0202-B\*2705-Cw\*0202 and A\*2402-B\*3906-Cw\*0702. The NMDP Bioinformatics web site listed A\*2402g-B\*3906-Cw\*0702 with HF=0.01471.

## Cell Exchange

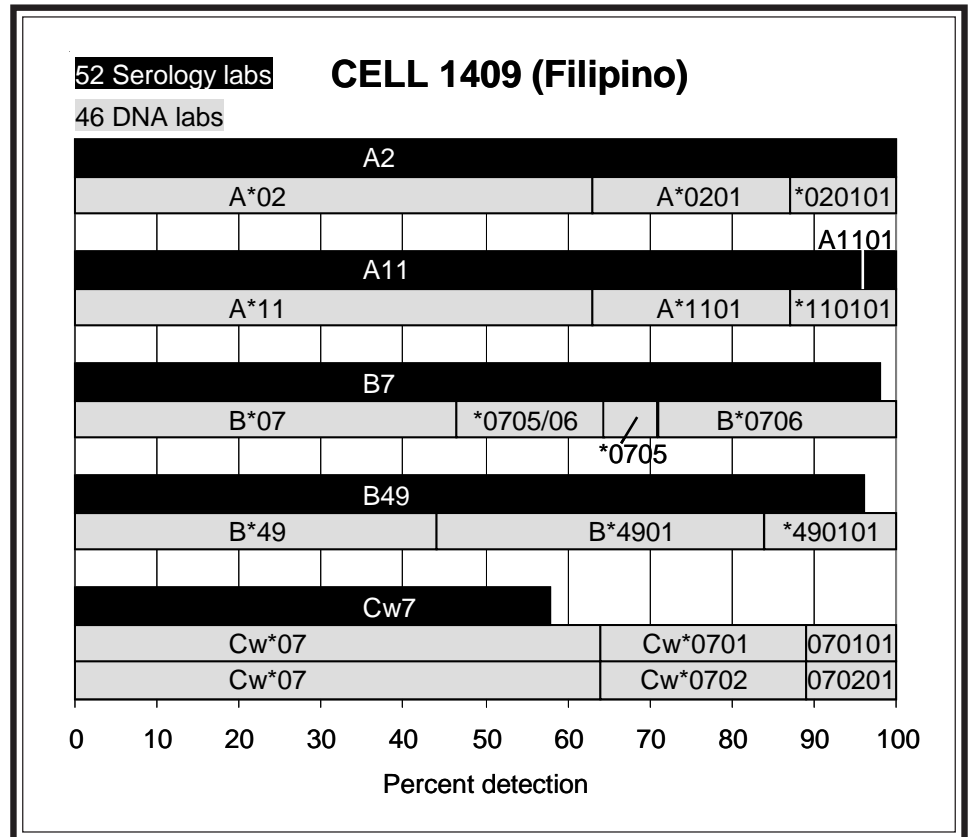
**Cell 1409.** This Filipino cell was well typed as A2, A11, B7, B49, Cw7.

The high-resolution typing was A\*0201, A\*1101, B\*0706, B\*4901, Cw\*0701, Cw\*0702.

B7 was detected by 98%. Pollack observed extra reactions with several B40, B81 antisera that normally would not react with B7. B\*0706 was assigned by 29%.

The other B-locus type was B\*4901 (56%).

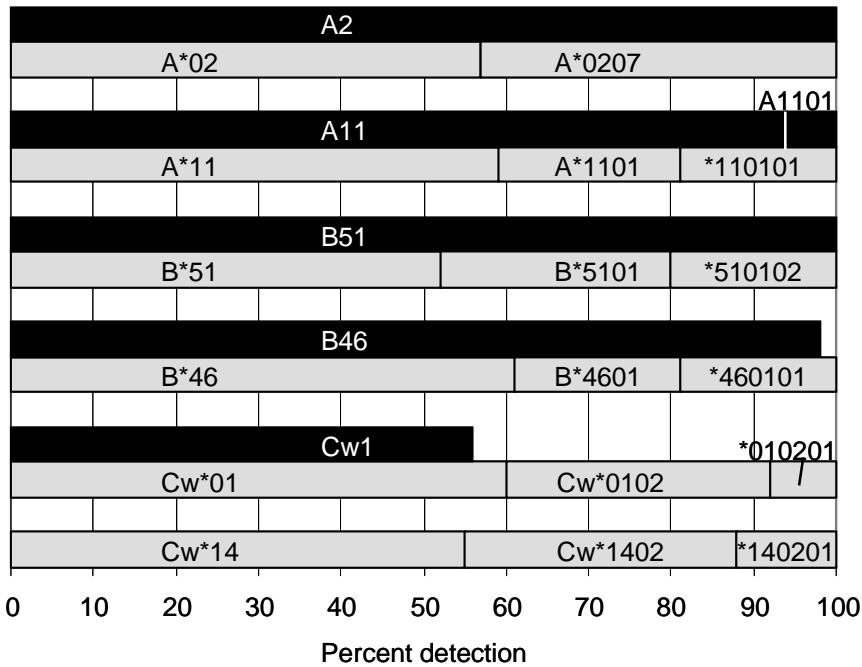
B\*0706-Cw\*0702 and B\*4901-Cw\*0701 were the probable associations in this cell. B\*0706-Cw\*0702 was found in extracts 279 as well as in cells 1162 and 1183, all from Filipino donors, whereas B\*0706-Cw\*1505 was present in extract 278 (Hisp) and cell 1257 (Blck). B\*4901-Cw\*0701 is found in all populations, especially in Caucasians, Blacks, and Hispanics.



54 Serology labs

### CELL 1410 (Chinese)

47 DNA labs



**Cell 1410.** This Chinese cell was typed by the majority of the labs as A2, A11, B51, B46, Cw1, confirmed as A\*0207, A\*1101, B\*5101 (\*510102), B\*4601, Cw\*0102, Cw\*1402.

B\*5101 was assigned by 48%, with 20% reporting B\*510102. This B\*5101 subtype is not as commonly found as B\*510101.

B\*4601 was detected by 39% as the other B-locus allele. Tiercy commented, "Resolution of the B\*46:01:01G ambiguities required exon 4 SBT." The lack of reactivity with some Bw6 antisera was evident with this typing, as only 61% assigned Bw6, in comparison to the normal 80% or greater detection level for Bw6, as shown by the other 3 Bw6-positive cells in this same study. Tilanus remarked, "Cell 1410 reacted negative(ly) with 3 Bw6 sera. B46 is known as one of the exceptions that all B alleles are positive for Bw6 or Bw4. The Bw6 epitope is present, but masked by a valine residue at position 76, see Voorter et al. (1)"

Two commonly found haplotypes in Asian donors, A\*0207g-B\*4601-Cw\*0102 (HF=0.03235) and A\*2402g-B\*5101g-Cw\*1402 (HF=0.01533), were present in this donor.

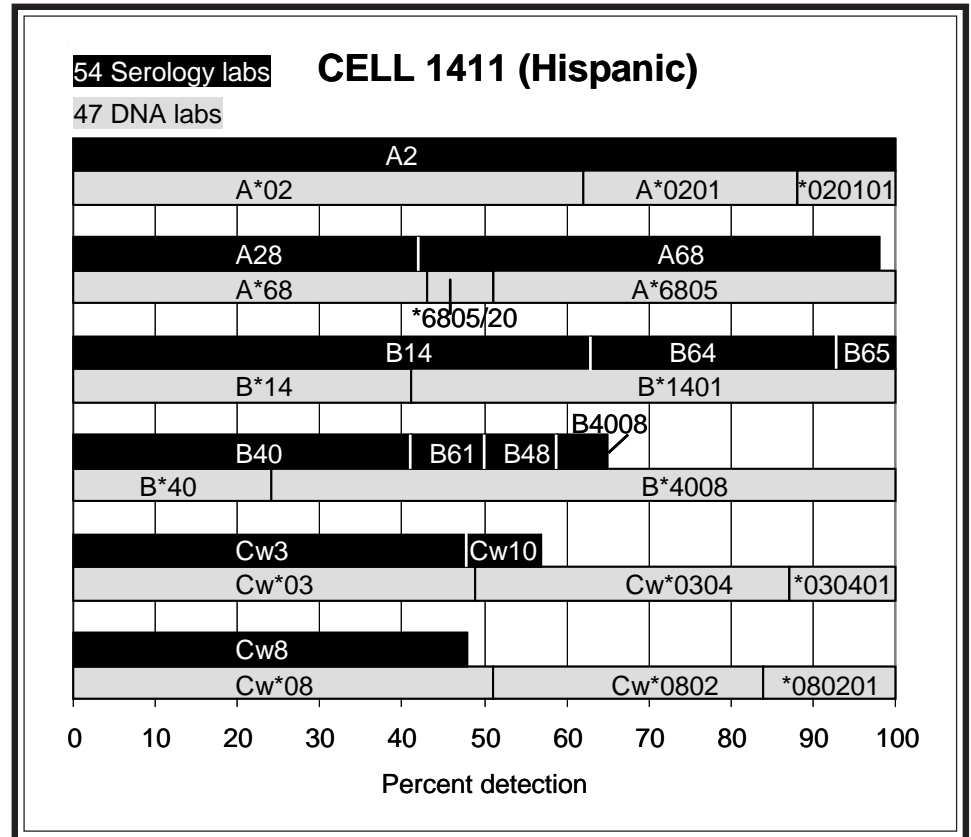
**Cell 1411.** This cell from an Hispanic donor was previously typed as cell 1321 in 2008, as correctly identified by Esteves-Kondo, Harville, Lopez-Cepero, Mah, McCluskey, and Tiercy.

In this retyping, comments of a shorter than normal B40 variant were given by a number of labs (Carretto and Alvarez, Arnold, Claas, Esteves-Kondo, Harville, Holdsworth, Keown, Kvam, Lardy, Mah, McCluskey, Askar and Pidwell, Rees, Rubocki, Semana, Stavropoulos, Tiercy, Tilanus, Wisecarver). Uneven reporting of B40 (41%), B61 (15%), and B48 (9%) were received. The variant encoded by B\*4008, as assigned by 76%, was present. B4008 was reported by 6%. In reference to the 2001 HLA dictionary (2), Tilanus said, "It was already previously noticed that the B\*40:08 allele was often typed as blank." This same variant was typed in previous Hispanic exchange cells 992, 1061, and 1101.

A68 was assigned by 56% and A28 by 43%, confirmed as A\*6805 (49%). This same A\*68 allele was typed in cell 1063 as well as in extracts 300 and 344.

The B14 (100%) split of B64 (30%) was corroborated as B\*1401 (59%).

Cw3 (57%) and Cw8 (48%) were established as Cw\*0304 (51%) and Cw\*0802 (49%), respectively. B\*1401-Cw\*0802 and B\*4008-Cw\*0304 were the likely associations; B\*4008-Cw\*0304 was present in all previous B\*4008 donors.





**Cell 1412.** B13 was assigned in complete consensus and confirmed as B\*1301 (43%) in this Black cell.

B70 (94%) with the B72 (57%) split was the second B-locus type, verified as B\*1503 by 39%.

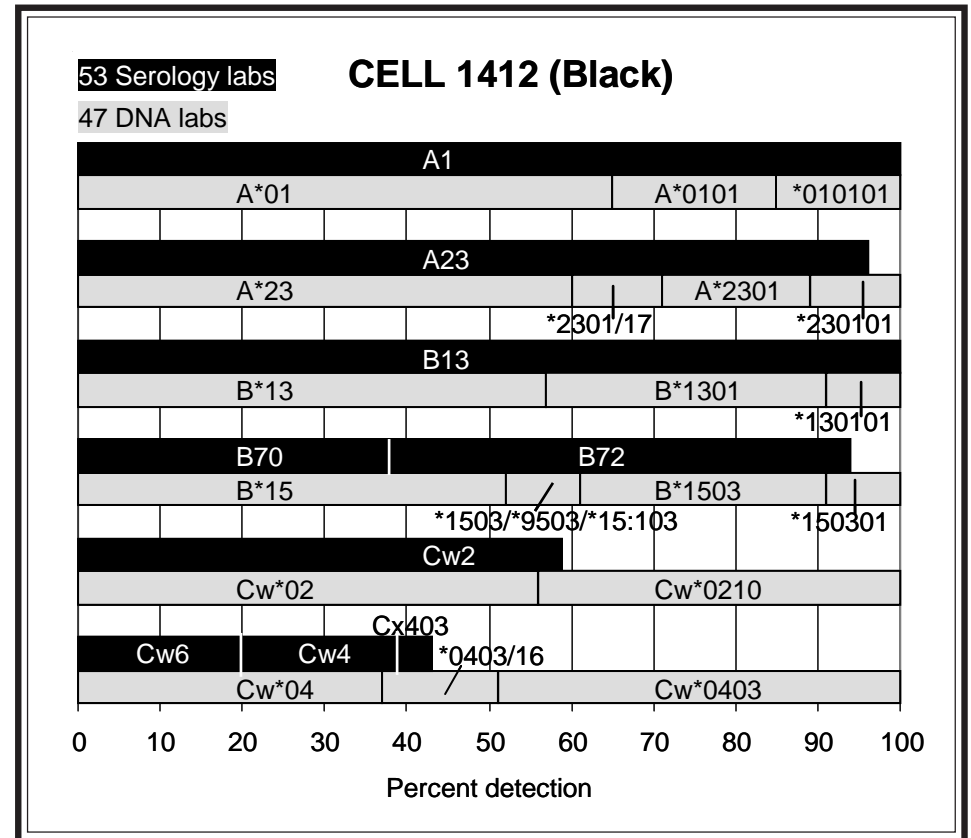
A1 (100%) and A23 (96%) were corroborated as A\*0101 (35%) and A\*2301 (29%), respectively.

The varied reporting of Cw4 (19%) and Cw6 (21%) indicated the Cx403 variant (4%), confirmed as Cw\*0403 by 49%.

The other C-locus antigen was Cw2 (59%), encoded by Cw\*0210 (44%).

The probable associations in this cell were B\*1301-Cw\*0403 and B\*1503-Cw\*0210. B72-Cw2 is commonly found in Black donors. B\*1301-Cw\*0304 was typed in cell 1355 (Thai), cell 1399 (Chin), and extract 417. B\*1301-Cw\*0406 was detected in cell 1319 from a Filipino donor. This was the first time that B\*1301-Cw\*0403 was detected in an exchange cell.

The likely haplotypes were A\*2301-B\*1503-Cw\*0210, commonly found in Black populations, and A\*0101-B\*1301-Cw\*0403.



## References

1. Voorter CEM, van der Vlies S, Kik M, and van den Berg-Loonen EM. Unexpected Bw4 and Bw6 reactivity patterns in new alleles. *Tissue Antigens* 2000;56:363.
2. Schreuder GMTh, Hurley CK, Marsh SGE, et al. The HLA Dictionary 2001: a summary of HLA-A, -B, C, -DRB1/3/4/5, -DQB1 alleles and their association with serologically defined HLA-A, -B, -C, -DR, and -DQ antigens. *Hum Immunology* 2001;62:826.



*This is the last sendout in 2010. We wish you Happy Holidays!*  
*Marie, Arlene, Magdalena, Kelli, Ching, Megan, Anh, and George*



***NEXT MAILING DATE: February 2, 2011***  
*Marie Lau, Arlene Locke, J. Michael Cecka, and Elaine F. Reed*

\*\*\*\*\*  
 \* \*  
 \* PARTICIPATING CENTERS \*  
 \* \*  
 \*\*\*\*\*

NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY
(W.H.O. LABS)		Gottwald & Hess,	Lich	Noreen,Harriet	Minneapolis MN
		Graff,Dr Ralph J.	St Louis MO	Norin,Dr Allen	Brooklyn NY
Fischer & Mayr,Dr	Vienna	Hahn PhD,Amy B.	Albany NY	Olerup,Olle	Saltsjobaden
		Hamdi,Dr Nuha	Riyadh	Ozawa,Mikki	Los Angeles CA
Abbal,Prof Michel	Toulouse Cedex	Han,Dr Hoon	Seoul	Padua MD,Florencia R	Quezon City
Adams,Sharon	Bethesda MD	Hanau,Prof Daniel	Strasbourg	Pais,Dr Maria Luisa	Coimbra
Ajlan,Dr Abdulaziz	Riyadh	Harville,Dr Terry	Little Rock AR	Park MD,Myoung Hee	Seoul
Al-Attas,Dr Rabab	Damman-East Pr	Hidajat,Dr Melanny	Brugge	Passey,Ben	Liverpool
Alonso,Antonio	Malaga	Hirankarn MD PhD,Nat	Bangkok	Pereira,Noemi Farah	Curitiba Paran
Alvarez & Carrett,Dr	Montevideo	Hogan,Dr Patrick	Herstow QLD	Permpikul & Vejbaesy	Bangkok
Anthony Nolan Trust	London England	Holdsworth,Rhonda	South Melbourn	Phelan,Donna	St Louis MO
Arnold,Dr Angelo	Valhalla NY	Hsu PhD,Susan H.	Philadelphia PA	Pidwell/Askar,	Cleveland OH
Baker,Judy	Dallas TX	Hubbell,Charlene	Syracuse NY	Pollack PhD,Marilyn	San Antonio TX
Barnardo,Dr Martin	Oxford England	Hurley & Hartzma,Dr	Rockville MD	Ray & Balazs,	Stamford CT
Baxter-Lowe,Dr Lee A	San Francisco CA	Ichikawa MD PhD,Yasu	Nishinomiya,Hy	Reed PhD,Elaine F.	Los Angeles CA
Blasczyk,Prof Rainer	Hannover	Israel,Dr Shoshana	Jerusalem	Reed PhD,Elaine F.	Los Angeles CA
Brown,Dr Colin	London England	Israel_LR,	Jerusalem	Rees,Dr Tracey	Pontyclun Wale
Carrington & Martin,	Frederick MD	Iwaki,Dr Yui	San Bernardino CA	Reinke MD,Dennis	Bismarck ND
Cecka PhD,J.Michael	Honolulu HI	Jaatinen,Dr Taina	Helsinki	Reinsmoen PhD,Nancy	Los Angeles CA
Cecka PhD,Michael	Los Angeles CA	Jaramillo PhD,Andres	Itasca IL	Roberts,Chrissy H.	London England
Chan MD,Prof Soh Ha	Singapore	Kamoun MD,Malek	Philadelphia PA	Rosen-Bronson PhD,Sa	Washington DC
Charlton PhD,Ronald	Jacksonville FL	Kato MD,Shunichi	Isehara,Kanaga	Rost & Klein,Dr	Martinsried
Charron,Prof D.	Paris Cedex 10	Keown MD,Paul	Vancouver BC	Rubocki PhD,Ronald	Scarborough ME
Chen,Dr Dong-Feng	Durham NC	Kihara,Masaaki	Tokyo	Sage,Dr Deborah	London England
Christiansen & Wit,	Perth - West A	Kim,Prof Tai-Gyu	Seoul	Schroeder MD,M.L.	Winnipeg MB
Claas,Prof F.H.J.	Leiden	Klein MD,Jon	Louisville KY	Scornik,Dr Juan C.	Gainesville FL
Clark,Dr Brendan	Leeds England	Klein,Dr Tirza	Petach Tikva	Semana MD PhD,Gilber	Rennes
Cohen,Prof JHM	Reims Cedex	Klein_LR,	Petach Tikva	Senitzer PhD,David	Duarte CA
Colombe PhD,Beth W.	Philadelphia PA	Koh MD,Eun-mi	Seoul	Shai,Isaac	Medunsa
Costeas,Dr Paul A.	Nicosia	KuKuruga PhD,Debra	Baltimore MD	Shanmugam,Dr Hemalat	Kuala Lumpur
Crowe PhD,Deborah	Nashville TN	Kusnierczyk PhD,Piot	Wroclaw	Sheikh PhD,Maqsood	New Providence NJ
Daniel PhD,Claude	Laval PQ	Kvam,Vonnett	Waukesha WI	Sinnott & Gupta,	London
Daniel,Dr Dolly	Tamil Nadu	Land,Dr Geoffrey A.	Houston TX	Sperry PhD,Roxanne	Phoenix AZ
Davidson & Poulton,D	Manchester, En	Lanzer,Prof G.	Graz	Stamm,Luz	Calgary AB
del Pozo,Dr Ana	Buenos Aires	Lardy,Dr N.M.	Amsterdam	Stastny MD,Peter	Dallas TX
Dhaliwal,Dr J.S.	Kuala Lumpur	Lee PhD,Kyung Wha	Anyang,Kyungki	Stavropoulos,Maria	New Haven CT
Dinauer,David	Brown Deer WI	Lee,Dr Jar-How	Canoga Park CA	Suciu-Foca PhD,Nicol	New York NY
Du PhD,Keming	Shanghai	Leech MD PhD,Stephen	Philadelphia PA	Sullivan PhD,Karen	New Orleans LA
Dunk,Arthur	Lauderhill FL	Lim MD,Young Ae	Suwon	Tagliere,Jacque	Los Angeles CA
Dunn,Dr Dale	Lubbock TX	Linke,Robert	Stamford CT	Tambur,Anat	Chicago IL
Dunn,Dr Paul	Auckland	Lo MD,Raymundo W.	Quezon City	Tavoularis,Dr Sofia	Ottawa ON
Dupont MD,Bo	New York NY	Loewenthal MD PhD,Ro	Tel-Hashomer	Thoni MD,Deborah	Orlando FL
Eckels/CPMC,	San Francisco CA	Lopez-Cepero PhD,May	Tampa FL	Tiercy,Dr Jean-Marie	Geneva 14
Eckels/Utah,	Salt Lake City UT	MacCann,Eileen	Providence RI	Tilanus,Prof Marcel	Maastricht
Elkhalifa MD PhD,Moh	Riyadh	Madrigal,Prof J.A.	London England	Trachtenberg PhD,Eli	Oakland CA
Ellis PhD,Thomas	Milwaukee WI	Mah,Helen	Boston MA	Trowsdale,Prof John	Cambridge
Endres,Dr Robert O.	Tempe AZ	Mani,Dr Rama	Chennai,Tamil	Turner PhD,E.V.	Memphis TN
Esteves Kondo,Debra	Canoga Park CA	Marino,Susana R.	Chicago IL	Tyan,Dr Dolly	Palo Alto CA
Esteves-Kondo,Debra	Canoga Park CA	Marsh,Prof Steven	London England	Uhrberg,Dr Markus	Dusseldorf
Fagoaga,Dr Omar	Detroit MI	Masuo,Kiyoe	Tokyo	UnivMichigan Health	Ann Arbor MI
Fernandez-Vina & Can	Houston TX	McAlack PhD,Robert	Philadelphia PA	Varnavidou-Nico,Dr A	Nicosia
Fischer,Dr Johannes	Dusseldorf	McAlack-Hanau,	Philadelphia PA	Vidan-Jeras,Blanka	Ljubljana
Gandhi MD,Manish	Rochester MN	McCluskey,Prof James	Adelaide	Vilches,Dr Carlos	Madrid

Gardiner PhD,Clair M	Dublin		McIntyre PhD,John A.	Beech Grove	IN	Walter Reed Army Med	Washington	DC
Gautreaux,Dr Michael	Winston-Salem	NC	Meyer,Pieter Wa	Pretoria, Gaut		Wassmuth,Prof Ralf	Dresden	
Gideon,Osnat	Haifa		Moses,Jon	Sydney NSW		Watkins PhD,David I.	Madison	WI
Gideon_LR,	Haifa		Mpuntsa,Dr Loyiso	Johannesburg		Wisecarver PhD,James	Omaha	NE
Gillespie,Dr Kathlee	Bristol		Muncher,Dr Liora	Rehovot		Yu,Dr Neng	Dedham	MA
Gladman/Pellet,Polla	Toronto	ON	Muncher_LR,	Rehovot		Yu_Neng/UMMHC,	Worcester	MA
Gomez,Carmen	Miami	FL	Mytilineos MD,Joanni	Ulm		Zachary PhD,Andrea	Baltimore	MD
Gomez,Carmen	Miami	FL	Nelson PhD,Karen	Seattle	WA	Zeevi PhD,Adriana	Pittsburgh	PA

	SERUM NO. 1037										SERUM NO. 1038										METHOD						
	% POS	% 8'S	B 7	B 6	B 4	B 8	B 1	B 8	B 2	B 1	B 1	B 2	B 8	% POS	% 8'S	B 7	B 6	B 4	B 8	B 1		B 7	B 3	B 1	B 3	B 2	B 1
Abbal, Michel	???	???	+	+	+	+	+	+	+	+			B78	???	???	+	+	+	+	+	+					B47	(3)
Al-Attas, Rab	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+					6602	( )
Alvarez & Ca	10	100	+	+		+								47	100	+	+		+	+						B8, B55, A25, A29>	(3)
Baker, Judy	???	???	+	+	+	+	+	+	+					???	???	+	+	+	+	+	+						( )
Cecka, J. Mich	19	100	+	+	+									38	100	+	+	+	+	+	+						(4)
Claas, F.H.J.	27	100	+	+	+	+								48	100	+	+	+	+	+	+					A66	(6)
Dunk, Arthur	25	100	+	+	+	+								30	100	+	+	+	+	+	+						(6)
Dunn, Dale Dr	25	100	+	+		+							B27	40	100	+	+	+	+	+	+						(4)
Dunn, Paul Dr	18	100	+	+	+									18	100	+	+	+									(2)
Eckels/CPMC	32	???	+	+	+	+								47	???	+	+		+	+	+						(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+				A66	(3)
Esteves Kond	23	100	+	+	+	+								19	100	+	+										(1)
Esteves-Kond	33	100	+	+	+	+		+	+					77	100	+	+	+		+	+	+	+	+	+	B47	(3)
Gandhi, Manis	12	???	+	+	+	+	+	+	+	+				41	???	+	+	+	+	+	+	+	+	+	+		(3)
Gautreaux, Mi	42	???	+	+	+	+	+	+	+				B78	58	???	+	+	+	+	+	+					B8	(3)
Hahn, Amy B.	30	100	+	+	+	+	+							57	100	+	+		+	+						B40	(4)
Hamdi, Nuha D	7	100	+	+	+	+	+	+	+					29	100	+	+	+	+	+	+	+				B8, B47	(3)
Han, Hoon Dr	35	???	+	+	+	+	+	+	+					53	???	+	+	+	+	+	+	+					(3)
Harville, Ter	???	???	+	+	+	+		+	+	+	+		B78	???	???	+	+	+	+	+	+	+	+	+		2708, A66	(3)
Hogan, Patric	41	100	+	+	+									31	100	+	+										(1)
Holdsworth, R	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+	+		(3)
Klein, Jon MD	36	???	+	+	+	+	+	+	+					48	???	+	+	+	+	+	+						(4)
Klein, Tirza	40	100	+	+	+	+	+	+	+				B73, A66, A26	60	100	+	+	+	+			+	+	+	+	B8, B55	(3)
Lardy, N.M. D	21	100	+	+										32	100	+	+	+									(2)
Loewenthal M	46	100	+	+	+	+	+	+	+				B73, A26, A66	60	100	+	+	+	+		+		+	+	+	B8, B55	(3)
MacCann, Eile	64	???	+	+	+	+	+	+	+	+				90	???	+	+	+	+	+	+					B47, B8	(3)
Mah, Helen	32	88	+	+						+				36	100	+	+	+	+	+							(4)
McAlack, Robe	8	100	+	+	+	+	+	+	+					43	100	+	+	+	+	+	+	+	+	+			(3)
McAlack-Hana	49	100	+	+	+	+	+	+	+					73	100	+	+	+	+	+	+	+	+				(3)
Meyer, Pieter	72	???	+	+			+	+					B56	94	???	+	+	+								A26, A68, B8, A30>	(3)
Moses, Jon	36	100	+	+										31	100	+	+		+								(1)
Mpuntsha, Loy	39	???	+	+	+	+	+	+	+					26	???	+	+	+			+	+	+	+		B47	(3)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+		A66	(3)
Pais, Maria L	8	???	+	+	+	+	+	+	+					20	???	+	+	+	+	+	+	+	+	+		A66	(3)
Pereira, Noem	???	???	+	+	+	+	+	+	+					???	???	+	+	+	+	+	+	+	+	+		B47, A66	(3)
Permpikul &	24	100	+	+										24	100	+	+										(1)
Phelan, Donna	27	???	+	+	+	+	+	+					B40	46	???	+	+		+	+	+					B40, B47, B8	(6)
Pidwell/Aska	17	100	+	+	+									17	100	+	+			+							(2)
Rees, Tracey	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+			2708, B47	(3)
Rosen-Bronso	???	100	+	+	+	+	+	+	+					???	100	+	+	+	+	+	+	+	+	+		A66	(3)
Sage, Deborah	???	???	+	+			+	+	+	+			B45, B39, B50	???	???	+			+							6602, 3001, A31>	(3)
Sinnott & Gu	???	???	+	+	+	+	+	+	+					???	???	+										A25, A26, A29>	(3)
Suciu-Foca, N	50	83	+										B40	50	50	+										B40	(1)
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+				???	???	+	+	+	+	+	+	+	+	+		A66	(3)
Turner, E.V.	???	???	+	+	+	+	+	+	+					???	???	+	+	+	+	+	+	+	+	+		A66	(3)
UnivMichigan	12	???											B13	45	???	+	+	+	+	+	+					A66	(4)

\*\*\* 46 TYPING LABS \*\*\*

B7	98%	0.971
B60	93%	0.990
B48	76%	1.000
B81	74%	1.000
B8	61%	1.000
B41	61%	1.000
B42	61%	1.000
B61	39%	0.917
B18	24%	1.000
B72	24%	1.000
B78	7%	0.750
A26	4%	1.000
A66	4%	1.000
B40	4%	1.000
B73	4%	1.000

\*\*\* 46 TYPING LABS \*\*\*

B7	96%	0.928
B60	85%	0.990
B48	80%	1.000
B27	70%	0.955
B61	70%	0.919
B13	70%	0.904
B81	65%	1.000
B73	50%	1.000
B42	46%	0.917
B41	28%	0.938
A66	24%	0.941
B8	20%	1.000
B47	17%	1.000
B55	9%	1.000
A26	7%	1.000
A30	7%	1.000
A31	7%	1.000
B40	7%	1.000
2708	4%	1.000
6602	4%	1.000
A25	4%	1.000
A29	4%	1.000
A32	4%	1.000
A33	4%	1.000

Methods:

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

\*\*\* 46 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: All

	SERUM NO. 1037				SERUM NO. 1038					METHOD						
	% POS	% 8'S	B 7	B 6	B 4	B 8	B 1	% POS	% 8'S		B 7	B 6	B 4	B 8	B 1	B 2
Claas,F.H.J.	27	100	+	+	+	+		48	100	+	+	+	+	+	B61,B13,A66,B42,B41	(1)
Esteves Kond	23	100	+	+	+	+		19	100	+	+	+				(1)
Hogan,Patric	41	100	+	+	+			31	100	+	+	+				(1)
Moses,Jon	36	100	+	+				31	100	+	+			+		(1)
Permpikul &	24	100	+	+				24	100	+	+					(1)
Suciu-Foca,N	50	83	+			B40		50	50	+				B40		(1)

\*\*\*\*\* SERUM NO.1037 \*\*\*\*\* SERUM NO.1038 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B7	100%	0.963
B60	83%	1.000
B48	50%	1.000
B81	33%	1.000
B40	17%	1.000

\*\*\* 6 TYPING LABS \*\*\*

B60	83%	1.000
B7	83%	0.809
B48	50%	1.000
B81	33%	1.000
B27	33%	0.714
A66	17%	1.000
B13	17%	1.000
B40	17%	1.000
B41	17%	1.000
B42	17%	1.000
B61	17%	1.000

\*\*\* 6 LABORATORIES REPLIED \*\*\*

Method: NIH-std

	SERUM NO. 1037				SERUM NO. 1038					METHOD						
	% POS	% 8'S	B 7	B 6	B 6	B 4	B 8	B 1	B 2							
Dunn,Paul Dr	18	100	+	+	B48											(2)
Lardy,N.M. D	21	100	+	+						B41,B61						(2)
Pidwell/Aska	17	100	+	+	B81					B81						(2)

\*\*\*\*\* SERUM NO.1037 \*\*\*\*\* SERUM NO.1038 \*\*\*\*\*

\*\*\* 3 TYPING LABS \*\*\*

B60	100%	0.889
B7	100%	0.833
B48	33%	1.000
B81	33%	1.000

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B60	100%	1.000
B48	67%	1.000
B81	33%	1.000
B41	33%	0.500
B61	33%	0.333

\*\*\* 3 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: NIH-ext

		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A							
%	%	B	6	8	4	4	4	B	6	7	1	%	%	B	4	1	6	6	8	7	2	4	6			
POS	8'S	7	0	1	8	2	1	8	1	2	8	POS	8'S	7	8	3	1	0	1	3	7	2	6	METHOD		
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	B78	???	???	+	+	+	+	+	+	+	+	B41, B47	(L-3)		
Alvarez & Ca	10	100	+	+					+				47	100	+	+	+	+	+	+	+	+	B8, B55, A25, A29>	(F-3)		
Cecka, J. Mich	35	100	+	+	+	+	+	+	+	+	+		58	100	+	+	+	+	+	+	+	+		(L-3)		
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		(L-3)		
Eckels/CPMC,	44	???	+	+	+	+	+	+	+	+	+		94	???									+	A29, A30, A31>	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		(L-3)		
Esteves-Kond	33	100	+	+	+	+	+	+	+	+	+		77	100	+	+	+	+	+	+	+	+		B47, B41	(F-3)	
Gandhi, Manis	12	???	+	+	+	+	+	+	+	+	+		41	???	+	+	+	+	+	+	+	+		B41	(L-3)	
Gautreaux, Mi	42	???	+	+	+	+	+	+	+	+	+	B78	58	???	+	+	+	+	+	+	+	+		B8, B41	(L-3)	
Hahn, Amy B.	12	???	+	+	+	+	+	+	+	+	+	B78	49	???	+	+	+	+	+	+	+	+		B41	(L-3)	
Hamdi, Nuha D	7	100	+	+	+	+	+	+	+	+	+		29	100	+	+	+	+	+	+	+	+		B41, B8, B47	(L-3)	
Han, Hoon Dr	35	???	+	+	+	+	+	+	+	+	+		53	???	+	+	+	+	+	+	+	+			(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	B78	???	???	+	+	+	+	+	+	+	+	+	2708	(L-3)	
Hogan, Patric	8	???	+	+	+	+	+	+	+	+	+		22	???	+	+	+	+	+	+	+	+	+	B47	(L-3)	
Holdsworth, R	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B41	(L-3)	
Klein, Tirza	40	100	+	+	+	+	+	+	+	+	+	B73, A66, A26	60	100	+	+	+	+	+	+	+	+		B8, B55, B41	(L-3)	
Loewenthal M	46	100	+	+	+	+	+	+	+	+	+	B73, A26, A66	60	100	+	+	+	+	+	+	+	+		B8, B55, B41	(L-3)	
MacCann, Eile	64	???	+	+	+	+	+	+	+	+	+		90	???	+	+	+	+	+	+	+	+		B47, B41, B8	(L-3)	
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		B41	(L-3)	
McAlack, Robe	8	100	+	+	+	+	+	+	+	+	+		43	100	+	+	+	+	+	+	+	+			(L-3)	
McAlack-Hana	49	100	+	+	+	+	+	+	+	+	+		73	100	+	+	+	+	+	+	+	+			(L-3)	
Meyer, Pieter	72	???	+	+					+		+	B56	94	???	+	+	+	+	+	+	+	+		A26, A68, B8, A30>	(L-3)	
Mpuntsha, Loy	39	???	+	+	+	+	+	+	+	+	+		26	???	+	+	+	+	+	+	+	+		B47, B41	(L-3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+			(L-3)
Pais, Maria L	8	???	+	+	+	+	+	+	+	+	+		20	???	+	+	+	+	+	+	+	+	+			(L-3)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B47	(L-3)	
Permpikul &	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	B37, B47	(L-3)	
Phelan, Donna	8	???	+	+	+	+	+	+	+	+	+		27	???	+	+	+	+	+	+	+	+	+	B55, B40, B41>	(L-3)	
Pidwell/Aska	57	100	+	+	+	+	+	+	+	+	+	8101	82	100	+	+	+	+	+	+	+	+		8101, CW2, B47	(F-3)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+		2708, B47	(L-3)	
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+	+		???	100	+	+	+	+	+	+	+	+	+			(L-3)
Sage, Deborah	???	???	+	+					+	+	+	B45, B39, B50	???	???	+	+	+	+	+	+	+	+		6602, 3001, A31>	(L-3)	
Sinnott & Gu	???	???	+	+	+	+	+	+	+	+	+		???	???									+	A25, A26, A29>	(L-3)	
Suciu-Foca, N	100	???	+	+	+	+	+	+	+	+	+	B78	100	???	+	+	+	+	+	+	+	+	+			(L-3)
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+			(L-3)
Turner, E. V.	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+			(L-3)
UnivMichigan	57	???	+	+	+	+	+	+	+	+	+		71	???	+	+	+	+	+	+	+	+	+	6602	(L-3)	

(3) - L-Luminex, F-Flow



\*\*\*\*\* SERUM NO.1037 \*\*\*\*\* SERUM NO.1038 \*\*\*\*\*

\*\*\* 37 TYPING LABS \*\*\*

B7	100%	1.000
B60	100%	1.000
B41	92%	1.000
B42	92%	1.000
B48	92%	1.000
B81	92%	1.000
B8	89%	1.000
B61	59%	0.962
B72	41%	1.000
B18	38%	1.000
B78	14%	0.833
A26	5%	1.000
A66	5%	1.000
B73	5%	1.000

\*\*\* 37 TYPING LABS \*\*\*

B7	95%	1.000
B48	89%	1.000
B13	86%	0.953
B61	84%	1.000
B60	84%	0.977
B27	78%	1.000
B73	78%	1.000
B81	78%	0.971
B42	57%	1.000
A66	38%	0.889
B41	35%	1.000
B47	30%	1.000
B8	22%	1.000
B55	14%	1.000
A30	11%	1.000
A31	11%	1.000
6602	8%	1.000
A26	8%	1.000
A29	8%	1.000
A32	8%	1.000
A33	8%	1.000
2708	5%	1.000
A25	5%	1.000
A34	5%	1.000
A74	5%	1.000

\*\*\* 37 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: Luminex/Flow

\*\*\*\*\* SERUM NO. 1037 \*\*\*\*\* SERUM NO. 1038 \*\*\*\*\*

	SERUM NO. 1037				SERUM NO. 1038								METHOD								
	% POS	% 8'S	B 7	B 0	B 6	B 4	B 8	B 1	B 8	% POS	% 8'S	B 7		B 7	B 1	B 0	B 3	B 8	B 2	B 1	B 0
Cecka, J. Mich	19	100	+	+	+					38	100	+	+	+	+	+	+				(4)
Dunn, Dale Dr	25	100	+	+					B27	40	100	+	+	+	+	+	+	+			(4)
Eckels/CPMC,	32	???	+	+	+					47	???	+	+	+	+	+	+				(4)
Hahn, Amy B.	30	100	+	+	+	+	+			57	100	+	+		+	+	+	+	+		(4)
Klein, Jon MD	36	???	+	+	+				B42, B41	48	???	+	+	+	+	+	+				(4)
Mah, Helen	32	88	+	+					B61	36	100	+	+	+	+						(4)
Suciu-Foca, N	18	86	+						B40	30	58	+	+							+	(4)
UnivMichigan	12	???							B13	45	???	+	+	+	+	+	+				(4)

\*\*\*\*\* SERUM NO.1037 \*\*\*\*\* SERUM NO.1038 \*\*\*\*\*

\*\*\* 8 TYPING LABS \*\*\*

B7	88%	1.000
B60	75%	1.000
B48	50%	1.000
B81	38%	1.000
B8	25%	1.000
B13	13%	1.000
B41	13%	1.000
B42	13%	1.000
B61	13%	0.667
B40	13%	0.600
B27	13%	0.333

\*\*\* 8 TYPING LABS \*\*\*

B7	100%	1.000
B27	100%	0.966
B60	75%	0.952
B61	75%	0.824
B13	75%	0.786
B48	63%	1.000
B42	50%	0.769
B81	38%	1.000
B40	25%	0.933
A66	13%	1.000
B41	13%	1.000
B73	13%	1.000

\*\*\* 8 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1037 \*\*\*\*\* SERUM NO. 1038 \*\*\*\*\*

		B	B	B	B	B			B	B	B	B	B	B	B	B	B	B	METHOD		
%	%	8	B	6	4	4	B	4	%	%	8	B	6	6	4	2	1	4	4	4	
POS	8'S	1	7	0	8	1	8	2	POS	8'S	1	7	1	0	1	7	3	8	7	2	
Esteves-Kond	27 100	+	+	+	+	+		B13	39 100	+	+	+	+	+	+	+	+		+ B73	(5)	
Hahn, Amy B.	11 ???	+	+	+	+	+	+	+	18 ???	+	+	+	+	+	+	+	+	+	+	+	(5)
McAlack, Robe	11 100	+	+	+	+	+	+	+	19 100	+	+	+	+	+	+	+	+	+	+	+	(5)

\*\*\*\*\* SERUM NO.1037 \*\*\*\*\* SERUM NO.1038 \*\*\*\*\*

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B48	100%	1.000
B60	100%	1.000
B81	100%	1.000
B41	100%	0.800
B8	67%	1.000
B42	67%	1.000
B13	33%	1.000

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B13	100%	1.000
B27	100%	1.000
B60	100%	1.000
B61	100%	1.000
B81	100%	1.000
B41	100%	0.800
B42	67%	1.000
B47	67%	1.000
B48	67%	1.000
B73	33%	1.000

\*\*\* 3 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: Elisa

	SERUM NO. 1039										SERUM NO. 1040										METHOD				
	%	%	B	B	B	B	A	B	B	B	%	%	B	B	B	B	B	B	B	B					
	POS	8'S	7	0	8	1	2	2	8	1	7	8	POS	8'S	7	1	0	8	7	3	1	1	2	7	
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	(3)
Al-Attas, Rab	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	( )
Alvarez & Ca	28	100	+	+					+	+	+	+	31	100	+	+	+	+	+	+	+	+	+	+	A68, A11, B51>
Baker, Judy	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	( )
Cecka, J. Mich	21	0	+	+	+				+	+			67	58	+			+	+	+			+		A2, B37, B49, B50>
Claas, F.H.J.	45	60	+	+	+	+	+		+	+			47	73	+	+	+	+	+	+	+	+	+	+	(6)
Dunk, Arthur	18	50	+		+								28	0	+	+	+	+	+	+			+		B62, B56
Dunn, Dale Dr	8	33	+	+		+							40	100	+	+	+	+	+	+	+		+		(6)
Dunn, Paul Dr	14	100	+	+	+								20	100	+	+	+	+							(4)
Eckels/CPMC,	30	???	+	+		+							48	???	+	+	+		+	+	+		+		(2)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B73
Esteves Kond	23	100	+	+	+	+							29	100	+	+	+	+							(1)
Esteves-Kond	52	100	+	+	+	+	+						55	100	+	+	+	+	+	+	+	+	+	+	B27
Gandhi, Manis	14	???	+	+	+	+	+	+	+	+	+	+	40	???	+	+	+	+	+	+	+	+	+	+	CX17
Gautreaux, Mi	56	???	+	+	+	+	+	+	+	+	+	+	88	???	+	+	+	+		+			+	+	B73
Hahn, Amy B.	C	0											60	100	+			+	+				+		A2, B8
Hamdi, Nuha D	23	100	+	+	+	+	+	+	+	+	+	+	38	100		+		+	+				+	+	B40
Han, Hoon Dr	56	???	+	+	+	+	+	+	+	+	+	+	40	???	+	+	+	+	+	+	+		+	+	A2, B57, B73, B56>
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	+	40	???	+	+	+	+	+	+	+	+	+	+	B67
Hogan, Patric	26	58	+	+	+								28	70	+	+	+	+						+	2708
Holdsworth, R	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	(3)
Klein, Jon MD	C												60	100	+	+	+	+	+	+	+	+	+	+	B73
Klein, Tirza	54	100	+	+	+	+	+		+	+			74	100	+	+	+	+		+					A66, A26
Lardy, N.M. D	30	100	+	+									40	100	+	+	+	+			+				B45, B67, B62
Loewenthal M	60	100	+	+	+	+	+		+	+			82	100	+	+	+	+	+	+	+	+	+	+	(2)
MacCann, Eile	88	???	+	+	+	+	+		+	+			82	100	+	+	+	+	+	+	+	+	+	+	B73, B13, B55
Mah, Helen	9	75	+										94	???	+	+	+	+	+	+	+	+	+	+	B13, B45, B50>
McAlack, Robe	33	100	+	+	+	+	+		+	+			39	88	+	+	+	+							(3)
McAlack-Hana	80	100	+	+	+	+	+	+	+	+	+	+	41	100	+	+	+	+	+	+	+	+	+	+	B73
Meyer, Pieter	88	???	+						+	+			91	100	+	+	+	+	+	+	+	+	+	+	(3)
Moses, Jon	35	28	+	+									86	???	+						+				A24, A2, B8, A3>
Mpuntsha, Loy	64	???	+	+	+	+	+	+	+	+	+	+	26	57		+	+						+		(1)
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	+	22	???	+	+	+	+		+	+	+	+	+	B73
Pais, Maria L	10	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	(3)
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	+	22	???	+	+	+	+	+	+	+	+	+	+	B73
Permpikul &	26	100	+	+									???	???	+	+	+	+	+	+	+	+	+	+	B73
Phelan, Donna	60	???	+		+	+	+		+	+			28	100	+	+	+								(1)
Pidwell/Aska	17	100	+	+	+	+			+	+			60	???	+			+	+	+	+	+	+	+	A28, B17, B40>
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	+	20	100	+	+	+		+						(6)
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	CX17, A43
Sage, Deborah	???	???	+	+					+	+	+	+	???	???	+			+							(3)
Sinnott & Gu	???	???	+		+				+	+	+	+	???	???	+			+	+						A68, A69, B17>
Suciu-Foca, N	50	83	+						+	+	+	+	???	???	+			+	+						A68, B18, B37
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	+	50	33	+										B40
Turner, E.V.	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66
UnivMichigan	28	???									+		???	???	+	+	+	+	+	+	+	+	+	+	B73
													???	???	+	+	+	+	+	+	+	+	+	+	(3)
													28	???	+				+	+			+	+	B72

\*\*\* 46 TYPING LABS \*\*\*

B7	93%	0.888
B60	80%	0.899
B48	70%	0.932
B81	67%	0.974
B42	61%	1.000
A2	59%	0.846
B41	57%	1.000
B8	57%	0.976
B57	28%	0.938
B58	15%	1.000
A68	13%	1.000
B13	11%	1.000
B18	9%	1.000
CX17	7%	1.000
A69	4%	1.000
B17	4%	1.000
B40	4%	1.000
B67	4%	1.000
B56	4%	0.667
B55	4%	0.500

\*\*\* 46 TYPING LABS \*\*\*

B7	96%	0.929
B60	80%	0.979
B61	80%	0.960
B27	72%	1.000
B48	72%	1.000
B13	72%	0.962
B81	65%	1.000
B41	59%	0.882
B42	35%	0.862
B47	30%	1.000
B73	28%	1.000
A2	17%	0.943
B67	11%	1.000
B8	11%	0.889
B40	7%	1.000
B55	7%	1.000
B56	7%	1.000
B62	7%	1.000
2708	4%	1.000
6602	4%	1.000
A66	4%	1.000
B37	4%	1.000
B57	4%	1.000
B72	4%	1.000
B49	4%	0.750

Methods:

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

\*\*\* 46 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: All

\*\*\*\*\* SERUM NO. 1039 \*\*\*\*\* SERUM NO. 1040 \*\*\*\*\*

	% POS 8'S		B B B B				B8,B42,B41	% POS 8'S		B B B B B B						METHOD	
	7	0	7	0	8	1		7	1	0	8	1	1				
Claas,F.H.J.	45	60	+	+	+	+	B8,B42,B41	47	73	+	+	+	+	+	+	B27,B13,B47,B73	(1)
Esteves Kond	23	100	+	+	+	+		29	100	+	+	+	+	+			(1)
Hogan,Patric	26	58	+	+	+			28	70	+	+	+	+				(1)
Moses,Jon	35	28	+	+				26	57	+	+			+			(1)
Permpikul &	26	100	+	+				28	100	+	+	+					(1)
Suciu-Foca,N	50	83	+			B40		50	33	+				B40			(1)

\*\*\*\*\* SERUM NO.1039 \*\*\*\*\* SERUM NO.1040 \*\*\*\*\*

\*\*\* 6 TYPING LABS \*\*\*

B7	100%	0.941
B60	83%	0.897
B48	50%	0.875
B81	33%	1.000
B8	17%	1.000
B40	17%	1.000
B41	17%	1.000
B42	17%	1.000

\*\*\* 6 TYPING LABS \*\*\*

B60	83%	0.973
B61	83%	0.913
B7	83%	0.791
B48	50%	1.000
B81	33%	1.000
B41	33%	0.571
B27	17%	1.000
B40	17%	1.000
B47	17%	1.000
B73	17%	1.000
B13	17%	0.833

\*\*\* 6 LABORATORIES REPLIED \*\*\*

Method: NIH-std

\*\*\*\*\* SERUM NO. 1039 \*\*\*\*\* SERUM NO. 1040 \*\*\*\*\*

	% POS 8'S		B B		B61,B56,B55	% POS 8'S		B B B B				METHOD
	7	0	7	0		7	1	0	8			
Dunn,Paul Dr	14	100	+	+	B48	20	100	+	+	+	+	(2)
Lardy,N.M. D	30	100	+	+	B61,B56,B55	40	100	+	+	+	B41	(2)
Pidwell/Aska	17	100	+	+	B81	20	100	+	+	+	B81	(2)

\*\*\*\*\* SERUM NO.1039 \*\*\*\*\* SERUM NO.1040 \*\*\*\*\*

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B60	100%	0.889
B48	33%	1.000
B56	33%	1.000
B81	33%	1.000
B55	33%	0.333
B61	33%	0.333

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B60	100%	1.000
B61	100%	0.833
B48	67%	1.000
B81	33%	1.000
B41	33%	0.500

\*\*\* 3 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: NIH-ext

	SERUM NO. 1039										SERUM NO. 1040										METHOD						
	%	%	B	B	B	B	B	B	B	B	%	%	B	B	B	B	B	B	B	B							
	POS	8'S	7	2	0	2	8	1	1	8	7	8	POS	8'S	7	3	7	1	0	8	1	1	3	2			
Abbal, Michel	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B47	(L-3)	
Alvarez & Ca	28	100	+		+	+					+	+	31	100	+	+	+	+							A2, B49, B62, B57>	(F-3)	
Cecka, J. Mich	56	100	+	+	+	+	+	+	+	+	+	+	80	100	+	+	+	+	+	+	+	+	+	+	B47	(L-3)	
Dunn, Paul Dr	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Eckels/CPMC,	???	???			+								???	???	+	+								+	A2, 6602, 2708>	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B47	(L-3)	
Esteves-Kond	52	100	+	+	+	+	+	+					55	100	+	+	+	+	+	+	+	+	+	+	B47, B55	(F-3)	
Gandhi, Manis	14	???	+	+	+	+	+	+	+	+	+	+	40	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Gautreaux, Mi	56	???	+	+	+	+	+	+	+	+	+	+	88	???	+		+	+	+	+					B47, A2, B8	(L-3)	
Hahn, Amy B.	32	???	+	+	+	+	+	+	+	+	+	+	46	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Hamdi, Nuha D	23	100	+	+	+	+	+	+	+	+	+	+	38	100	+	+	+	+					+	+	A2, B57, B56, B67>	(L-3)	
Han, Hoon Dr	56	???	+	+	+	+	+	+					40	???	+	+	+	+	+	+	+	+	+	+	B67	(L-3)	
Harville, Ter	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	2708, B47	(L-3)	
Hogan, Patric	18	???	+	+	+	+	+	+	+	+	+	+	30	???	+	+	+	+	+	+				+	B47, A66	(L-3)	
Holdsworth, R	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Klein, Tirza	54	100	+	+	+								74	100	+		+	+	+	+	+	+	+	+	B45, B67, B62	(L-3)	
Loewenthal M	60	100	+	+	+								82	100	+	+	+	+	+	+				+	B67, A66	(L-3)	
MacCann, Eile	88	???	+	+	+								94	???	+	+	+	+	+	+	+	+	+	+		B47, B67	(L-3)
Mah, Helen	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
McAlack, Robe	33	100	+	+	+	+	+	+	+	+	+	+	41	100	+	+	+	+	+	+	+	+	+	+		(L-3)	
McAlack-Hana	80	100	+	+	+	+	+	+	+	+	+	+	91	100	+	+	+	+	+	+	+	+	+	+		(L-3)	
Meyer, Pieter	88	???	+			+							86	???	+							+			A24, A2, B8, A3>	(L-3)	
Mpuntsa, Loy	64	???	+	+	+	+	+	+	+	+	+	+	22	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Ozawa, Mikki	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Pais, Maria L	10	???	+	+	+	+	+	+	+	+	+	+	22	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Pereira, Noem	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B47	(L-3)	
Permpikul &	???	???	+	+	+	+	+	+			+		???	???	+	+	+	+	+	+	+	+	+	+		B47, A24, A2	(L-3)
Phelan, Donna	16	???	+	+	+	+	+	+	+	+	+	+	38	???	+	+			+					+		B55, B56, B40>	(L-3)
Pidwell/Aska	76	100	+	+	+	+	+				+	+	90	100	+	+	+	+	+				+		8101, B47, CW2	(F-3)	
Rees, Tracey	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		2708, B47	(L-3)
Rosen-Bronso	???	100	+	+	+	+	+	+	+	+	+	+	???	100	+	+	+	+	+	+	+	+	+	+		B47	(L-3)
Sage, Deborah	???	???	+	+	+								???	???	+	+										A2, 6602, B8, B62>	(L-3)
Sinnott & Gu	???	???	+	+		+					+	+	???	???	+	+	+					+				A2, 6602, B8, B37>	(L-3)
Suciu-Foca, N	100	???	+	+	+	+	+	+	+	+	+	+	100	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Tagliere, Jac	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Turner, E. V.	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		B47	(L-3)
UnivMichigan	86	???	+	+	+	+	+	+	+	+	+	+	91	???	+	+	+	+	+	+	+	+	+	+		(L-3)	

(3) - L-Luminex, F-Flow

\*\*\*\*\* SERUM NO.1039 \*\*\*\*\* SERUM NO.1040 \*\*\*\*\*

\*\*\* 37 TYPING LABS \*\*\*

B7	97%	1.000
B42	95%	1.000
B60	92%	1.000
A2	92%	0.988
B48	89%	1.000
B41	86%	1.000
B81	86%	0.946
B8	84%	1.000
B57	49%	0.952
B58	27%	1.000
A68	22%	0.929
B18	16%	1.000
CX17	14%	1.000
B13	8%	1.000
A69	5%	1.000
B17	5%	1.000
B37	5%	1.000
B67	5%	1.000

\*\*\* 37 TYPING LABS \*\*\*

B7	95%	1.000
B13	92%	1.000
B27	89%	1.000
B60	84%	1.000
B61	84%	1.000
B48	81%	1.000
B41	78%	1.000
B81	78%	1.000
B73	49%	1.000
B42	46%	1.000
B47	43%	1.000
A2	22%	1.000
B67	14%	1.000
B8	14%	0.889
2708	8%	1.000
6602	8%	1.000
B55	8%	1.000
B56	8%	1.000
B62	8%	1.000
A66	5%	1.000
B37	5%	1.000
B38	5%	1.000
B39	5%	1.000
B57	5%	1.000
A24	5%	0.875

\*\*\* 37 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: Luminex/Flow



	% POS 8'S		B 6 8			B8,B48,A2	% POS 8'S		B 2 1 4 6 6 4 8 4								METHOD	
	7	0	7	0	1		7	7	3	2	1	0	8	1	0			
Cecka, J. Mich	21	0	+	+		B8, B48, A2	67	58	+	+	+	+			+		A2, B37, B49, B50>	(4)
Dunn, Dale Dr	8	33	+	+	+		40	100	+	+	+	+	+	+	+			(4)
Eckels/CPMC,	30	???	+	+	+		48	???	+	+	+	+	+	+	+			(4)
Hahn, Amy B.	C	0					60	100	+	+	+	+			+			(4)
Klein, Jon MD	C						60	100	+	+	+	+	+	+			B41, A66, A26	(4)
Mah, Helen	9	75	+				39	88	+	+		+	+					(4)
Suciu-Foca, N	22	44	+			B40	32	69	+	+	+							(4)
UnivMichigan	28	???				B13, B58, A69	28	???	+	+	+	+					B72	(4)

\*\*\*\*\* SERUM NO.1039 \*\*\*\*\* SERUM NO.1040 \*\*\*\*\*

\*\*\* 8 TYPING LABS \*\*\*

B7	63%	0.474
B60	38%	0.636
B81	25%	0.750
A69	13%	1.000
B13	13%	1.000
B58	13%	1.000
B40	13%	0.800
B8	13%	0.667
A2	13%	0.571
B48	13%	0.500

\*\*\* 8 TYPING LABS \*\*\*

B7	100%	1.000
B27	100%	1.000
B13	88%	0.889
B42	75%	0.789
B48	50%	1.000
B61	50%	1.000
B60	50%	0.938
B81	25%	1.000
B40	25%	0.933
A66	13%	1.000
B37	13%	1.000
B41	13%	1.000
B55	13%	1.000
B72	13%	1.000
A2	13%	0.905
B49	13%	0.667
A26	13%	0.500
B50	13%	0.500

\*\*\* 8 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: Antiglobulin

\*\*\*\*\* SERUM NO. 1039 \*\*\*\*\* SERUM NO. 1040 \*\*\*\*\*

	%	%	B 8	B 7	B 6	B 4	B 4	B 2	B 8	B 1											METHOD	
-----																						
Esteves-Kond	36	33	+	+	+	+	+	+	+	+	B13,B67										(5)	
Hahn,Amy B.	11	???	+	+	+	+	+	+	+	+												(5)
McAlack,Robe	19	100	+	+	+	+	+	+	+	+	A2,B57											(5)
-----																						

\*\*\*\*\* SERUM NO.1039 \*\*\*\*\* SERUM NO.1040 \*\*\*\*\*

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B81	100%	1.000
B60	100%	0.833
B42	100%	0.800
B48	100%	0.750
B8	67%	1.000
B41	67%	1.000
A2	33%	1.000
B13	33%	1.000
B57	33%	1.000
B67	33%	1.000

\*\*\* 3 TYPING LABS \*\*\*

B7	100%	1.000
B13	100%	1.000
B27	100%	1.000
B47	100%	1.000
B60	100%	1.000
B61	100%	1.000
B41	100%	0.800
B48	67%	1.000
B81	67%	1.000
B72	33%	1.000

\*\*\* 3 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: FEB 2 2011 \*\*\*\*\*

Method: Elisa

INVESTIGATOR		DNA EXTRACT #497 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*020101	*02new	*350301	*4412	*04	*05	RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*02	*35	*44	*04	*05	SSO
745	Anthony Nola	*02:01	*02novel	*35:03:01	*44:12	*04:01:01	*05:01:01	SSO, SSP, SBT
2020	Barnardo, Mar	*02:01:01:01:01:01:02L		*35:03:01	*44:12	*04:01:28/30/41	*05:01:03	PCR-SSP, SBT
4345	Blasczyk, Rai	*02:01:01G		*35:03:01G	*44:12	*04:01:01G	*05:01:01G	PCR-SBT
5106	Brown, Colin	*02		*35:03/36/55/65Q+	*44:12	*04	*05	PCR-SSOP, SBT
785	Chan, Soh Ha	*02		*3503/70	*4412	*0401/09N/28/30+	*0501/03/25/37	SBT
3224	Chen, Dongfen	*02:01:01G	*02novel	*35:03	*44:12	*04:01:01G	*05:01	SBT, RVSSO
8021	Clark, Brenda	*02		*3501-0401/06+	*4403/04/07+	*040101-0104+	*0501/03-07+	PCR-SSP
5219	Daniel, Dolly	*02	*02	*35	*44			PCR-SSOP
5323	Dhaliwal, J.	*0201	*0201	*3503/55/65Q/70	*4412	*04	*05	RVSSO
5891	Du, Keming	*02010101	*0201var	*3503	*4412	*0401	*0501	PCR-SBT
3428	Eckels/Utah	*02	*02	*3503/55/70/98	*4412	*04	*0501/03/28/31/33	SSOP
2332	Elkhalifa, Mo	*02		*35	*44	*04	*05	SSP
4251	Ellis, Thomas	*02:01	*02:01	*35:03	*44:12	*04:01	*05:01	PCR-SSO, SEQ
762	Fischer&Mayr	*02:01/09/43N/66/75/83N/89/97+		*35:03/70	*44:12	*04:01/09N/28/30+	*05:01/03/07	
3135	Fischer, John	*02:01/01L		*35:03	*44:12	*04:01/09N/30	*05:01	PCR-SSO, SBT
234	Gomez, Carmen	*02		*35	*44	*04	*05	SSP
5195	Gomez, Carmen	*02		*35	*4412	*04	*05	SSOP
1694	Gottwald&Hes	*02		*35	*44	*04	*05	SSP
810	Hamdi, Nuha	*0201	*0201	*3503	*4412	*0401	*0501	SSO
1461	Hidajat, Mela	*0201	*02var	*3503	*4412	*0401	*0501	SSO, SSP, SBT
615	Holdsworth, R	*0201/09/43N/66/75/83N/89/97+		*3503/70	*4412	*0401/09N/28/30+	*0501/03	SBT
2344	Hurley&Hartz	*02010101/010102L+	*02010101+	*350301/70	*4412	*04010101/010102+	*05010101/010102+	SBT
794	Jaatinen, Tai	*02:01	*02new	*35:03	*44:12	*04:01/30	*05:01	SBT, SSO, SSP
748	Jaramillo, An	*02		*35	*44	*04	*05	SSO
797	Kato, Shunich	*02:01/01L		*35:03	*44:12	*04:01/09N/30	*05:01	SSO, SBT
2847	Kihara, Masaa	*02		*35	*44	*04	*05	RVSSO
5096	Koh, Eun-mi	*02	*02	*35	*44			PCR-SSO
87	Land, Geoff	*0201	*0201	*3503	*4412	*0401	*0501	SSO, SSP, SBT
278	Lee, Jar-How	*02:01		*35:03	*44:12	*04:01	*05:01	SSP, RVSSOP
640	Lee, Kyung Wh	*02:01	*02var	*35:03	*44:12	*04:01/09N/30/33	*05:01/25	PCR-SBT
4651	Leech, Stephe	*02		*35	*44	*04	*05	
1108	Linke, Robert	*02	*02	*35	*44	*04	*05	RVSSOP
9916	McIntyre, Joh	*02:01:01	*02:01:01new	*35:03:01	*44:12	*04:01/38-41/43+	*05:01/26/28/30+	
3186	Moses, Jonath	*02		*35	*44	*04	*05	SSP, SSO
8042	Muncher, Lior	*02		*35	*44	*04	*05	
8022	Olerup, Olle	*02:01		*35	*44:12	*04:01	*05:01	SSP
8065	Padua, Florec	*02		*35	*44:12			SSP
3648	Pereira, Noem	*02		*35:03	*44:12	*04:01P//*04:33	*05:01//*05:25	RSSO, SSP, SBT
3966	Permpikul&Ve	*02	*02	*35	*44	*04	*05	PCR-SSP
2400	Phelan, Donna	*0201		*3503	*4412	*0401	*0501	RSSO, SBT, SSP
3753	Reed, Elaine	*0201	*02new	*3503	*4412	*0401/09N/30/33	*0501/25	SBT
3625	Rees, Tracey	*02:01		*35:03	*44:12	*04:01/28/30/41	*05:01	PCR-SSP, SBT
3798	Reinsmoen, N	*02:01:01/01L	*02:01:01var	*35:03:01	*44:12	*04:01:01/30	*05:01:01	PCR-RSSO, SBT
3545	Scornik, Juan	*02:01	*02new	*35:03	*44:12	*04:01/09N/30	*05:01	SSOP, SBT
13	Tagliere, Jac	*02:01		*35:03	*44:12	*04:01	*05:01	
4021	Trachtenberg	*02		*35	*44	*04	*05	RVSSO, SSP
5462	Turner, E.V.	*02:01:01:01	*02new	*35:03:01	*44:12	*04:01:01	*05:01:01	SEQ, SSO, SSP
735	UnivMichigan	*02:01	*02:01var	*35:03	*44:12	*04:01	*05:01	SBT, SSP, RSSO

INVESTIGATOR	DNA EXTRACT #498 (Caucasian)	A1	A2	B1	B2	C1	C2	method
CTR NAME								
5488 Adams, Sharon	*030101/22	*290201/09	*070201/61	*4404	*07	*16		RSSO, SBT, SSP
4691 Ajlan, Abdula	*03	*29	*07	*44	*07	*16		SSO
745 Anthony Nola	*03:01:01	*29:02:01	*07:02:01	*44:04	*07:02	*16:01		SSO, SSP, SBT
2020 Barnardo, Mar	*03:01:01:01	*29:02:01	*07:02:01/61	*44:04	*07:02/50/66/74+	*16:01:01		PCR-SSP, SBT
4345 Blasczyk, Rai	*03:01:01G	*29:02	*07:02:01G	*44:04	*07:02:01G	*16:01		PCR-SBT
5106 Brown, Colin	*03	*29	*07	*44:04	*07	*16		PCR-SSOP, SBT
785 Chan, Soh Ha	*03	*2902/09	*0702/44/49N/58+	*4404	*0702/31/39/50+	*1601/06/15		SBT
3224 Chen, Dongfen	*03:01:01G	*29:02	*07:02:01G	*44:04	*07:01:01G	*16:01		SBT, RVSSO
8021 Clark, Brenda	*0301-04/07+	*2901-12+	*0702/04/10+	*4403/04/07+	*0702/03/10+	*1601/08/10+		PCR-SSP
5219 Daniel, Dolly	*03	*29	*07	*44				PCR-SSOP
5323 Dhaliwal, J.	*0301	*2902/06	*0702	*4404	*0702	*1601		RVSSO
5891 Du, Keming	*0301	*2902	*0702	*4404	*0702/50	*1601		PCR-SBT
3428 Eckels/Utah	*03	*2902/06/09/10+	*07	*4404	*07	*16		SSOP
2332 Elkhalfifa, Mo	*03	*29	*07	*44	*07	*16		SSP
4251 Ellis, Thomas	*03:01	*29:02	*07:02	*44:04	*07:02/50	*16:01		PCR-SSO, SEQ
762 Fischer&Mayr	*03:01/20/21N/26+	*29:02	*07:02/44/49N/58+	*44:04	*07:02/50/66/74	*16:01		
3135 Fischer, John	*03:01	*29:02	*07:02	*44:04	*07:02	*16:01		PCR-SSO, SBT
234 Gomez, Carmen	*03	*29	*07	*44	*07	*16		SSP
5195 Gomez, Carmen	*03	*29	*07	*4404	*07	*16		SSOP
1694 Gottwald&Hes	*03	*29	*07	*44	*07	*16		SSP
810 Hamdi, Nuha	*0301	*2901	*0702	*4404	*0702	*1601		SSO
1461 Hidajat, Mela	*0301	*2902	*0702	*4404	*0702	*1601		SSO, SSP, SBT
615 Holdsworth, R	*0301/01N/20/21N+	*2902	*0702/44/49N/58+	*4404	*0702/50/66/74	*1601		SBT
2344 Hurley&Hartz	*03010101/010102N+	*290201	*070201/0206/0209+	*4404	*07020101/020102+	*160101		SBT
794 Jaatinen, Tai	*03:01	*29:02	*07:02/61	*44:04	*07:02/50	*16:01		SBT, SSO, SSP
748 Jaramillo, An	*03	*29	*07	*44	*07	*16		SSO
797 Kato, Shunich	*03:01/01N	*29:02	*07:02/61	*44:04	*07:02/31	*16:01/06		SSO, SBT
2847 Kihara, Masaa	*03	*29	*07	*44	*07	*16		RVSSO
5096 Koh, Eun-mi	*03	*29	*07	*44				PCR-SSO
87 Land, Geoff	*0301	*2902	*0702	*4404	*0702	*1601		SSO, SSP, SBT
278 Lee, Jar-How	*03:01	*29:02	*07:02	*44:04	*07:02	*16:01		SSP, RVSSOP
640 Lee, Kyung Wh	*03:01/22	*29:02/09	*07:02/61	*44:04	*07:02/31/39/50	*16:01/06/15		PCR-SBT
4651 Leech, Stephe	*03	*29	*07	*44	*07	*16		
1108 Linke, Robert	*03	*29	*07	*44	*07	*16		RVSSOP
9916 McIntyre, Joh	*03:01:01	*29:02:01	*07:02:01	*44:04	*07:02	*16:01/13-18/21		
3186 Moses, Jonath	*03	*29	*07	*44	*07	*16		SSP, SSO
8042 Muncher, Lior	*03	*29	*07	*44	*0702	*1601		
8022 Olerup, Olle	*03:01	*29:02	*07:02	*44:04	*07:02	*16:01		SSP
8065 Padua, Florec	*03	*29	*07	*27				SSP
3648 Pereira, Noem	*03:01//*03:22	*29:02//*29:09	*07:02P	*44:04	*07:02P//*07:31+	*16:01//*16:06+		RSSO, SBT, SSP
3966 Permpikul&Ve	*03	*29	*07	*44	*07	*16		PCR-SSP
2400 Phelan, Donna	*0301	*2902	*0702/61	*4404	*0702/50	*1601		RSSO, SBT, SSP
3753 Reed, Elaine	*0301/21	*2902/09	*0702/61	*4404	*0702/31/39/50	*1601/06/15		SBT
3625 Rees, Tracey	*03:01//*03:22	*29:02//*29:09	*07:02/61	*44:04	*07:02	*16:01		PCR-SSP, SBT
3798 Reinsmoen, N	*03:01:01/01N	*29:02:01	*07:02:01/61	*44:04	*07:02:01/50	*16:01:01		PCR-RSSO, SBT
3545 Scornik, Juan	*03:01	*29:02	*07:02/61	*44:04	*07:02/50	*16:01		SSOP, SBT
13 Tagliere, Jac	*03:01	*29:02	*07:02	*44:04	*07:02	*16:01		
4021 Trachtenberg	*03	*29	*07	*44	*07	*16		RVSSO, SSP
5462 Turner, E.V.	*03:01:01	*29:02:01	*07:02:01/61	*44:04	*07:02:01	*16:01:01		SEQ, SSO, SSP
735 UnivMichigan	*03:01/01:02N/22	*29:02/09	*07:02/61	*44:04	*07:02/31/39/50	*16:01/06/15		SBT, SSP, RSSO

INVESTIGATOR		DNA EXTRACT #499 (Hispanic)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*240201	*310102	*350301	*3543	*01	*04	RSSO, SBT, SSP
4691	Ajlan, Abdula	*24	*31	*35	*35	*01	*04	SSO
745	Anthony Nola	*24:02:01	*31:01:02	*35:03:01	*35:43:01	*01:02	*04:01	SSO, SSP, SBT
2020	Barnardo, Mar	*24:02:01:01	*31:01:02	*35:03:01	*35:43:01	*0102/25// *01:17	*04:01+// *04:10	PCR-SSP, SBT
4345	Blasczyk, Rai	*24:02:01G	*31:01:02G	*35:03:01G	*35:43:01G	*01:02:01G	*04:01:01G	PCR-SBT
5106	Brown, Colin	*24	*31	*35:03	*35:43	*01	*04	PCR-SSOP, SBT
785	Chan, Soh Ha	*24	*3102	*3503/70	*3543/67/79	*0102/11/14/17/25	*0401/09N/10/28+	SBT
3224	Chen, Dongfen	*24:02	*31:01	*35:03	*35:43	*01:02	*04:01:01G	SBT, RVSSO
8021	Clark, Brenda	*2402/03/07+	*3101/02/05-07+	*3501-06+		*0102/03/06-11+	*040101-0104+	PCR-SSP
5219	Daniel, Dolly	*24	*31	*35	*35			PCR-SSOP
5323	Dhaliwal, J.	*2402	*3101/14N	*3503	*3543	*0102	*0401	RVSSO
5891	Du, Keming	*2402	*3101	*3503	*3543	*0102	*0401	PCR-SBT
3428	Eckels/Utah	*24	*31	*3503/55/70/98	*3543/67/79	*0102/25/29-31/33	*04	SSOP
2332	Elkhalifa, Mo	*24	*31	*35		*01	*04	SSP
4251	Ellis, Thomas	*24:02	*31:01	*35:03	*35:43	*01:02	*04:01	PCR-SSO, SEQ
762	Fischer&Mayr	*24:02/09N/11N+	*31:01/14N/23	*35:03/70	*35:43/67/79	*01:02/25	*04:01/09N/28/30+	
3135	Fischer, John	*24:02	*31:01	*35:03	*35:43	*01:02	*04:01/09N/30	PCR-SSO, SBT
234	Gomez, Carmen	*24	*31	*35		*01	*04	SSP
5195	Gomez, Carmen	*24	*31	*35	*35	*01	*04	SSOP
1694	Gottwald&Hes	*24	*31	*35		*01	*04	SSP
810	Hamdi, Nuha	*2402	*3101	*3503	*3543	*0102	*0401	SSO
1461	Hidajat, Mela	*2402	*3101	*3503	*3543	*0102	*0401	SSO, SSP, SBT
615	Holdsworth, R	*2402/09N/11N/40N+	*3101/14N/23	*3503/70	*3543/67/79	*0102/25	*0401/09N/28/30+	SBT
2344	Hurley&Hartz	*24020101/020102L+	*310102/14N/23	*350301/70	*3543/67/79	*010201/0202/25	*04010101/010102+	SBT
794	Jaatinen, Tai	*24:02/57	*31:01/29	*35:03	*35:43	*01:02	*04:01/30	SBT, SSO, SSP
748	Jaramillo, An	*24	*31	*35		*01	*04	SSO
797	Kato, Shunich	*24:02	*31:01	*35:03	*35:43	*01:02	*04:01/09N/30	SSO, SBT
2847	Kihara, Masaa	*24	*31	*35	*35	*01	*04	RVSSO
5096	Koh, Eun-mi	*24	*31	*35	*35			PCR-SSO
87	Land, Geoff	*2402	*3101	*3503	*3543	*0102	*0401	SSO, SSP, SBT
278	Lee, Jar-How	*24:02	*31:01/28	*35:03/55/70	*35:43/67/79	*01:02/25/29-31+	*04:01/44/45/51+	SSP, RVSSOP
640	Lee, Kyung Wh	*24:02/03/57	*31:01/05/29	*35:03	*35:43	*01:02/14/17	*04:01/09N/10/29+	PCR-SBT
4651	Leech, Stephe	*24	*31	*35		*01	*04	
1108	Linke, Robert	*24	*31	*35	*35	*01	*04	RVSSOP
9916	McIntyre, Joh	*24:02:01:01	*31:01:02	*35:03:01	*35:43:01	*01:02/25-33	*04:01/38-41/43+	
3186	Moses, Jonath	*24	*31	*35	*35	*01	*04	SSP, SSO
8042	Muncher, Lior	*2402	*3101	*3503	*3543	*0102	*0401	
8022	Olerup, Olle	*24:02	*31:01	*35		*01:02	*04:01	SSP
8065	Padua, Florec	*24	*31	*35	*15			SSP
3648	Pereira, Noem	*24:02// *24:57	*31:01// *31:29	*35:03	*35:43	*01:02	*04:01P	RSSO, SSP, SBT
3966	Permpikul&Ve	*24	*31	*35	*35	*01	*04	PCR-SSP
2400	Phelan, Donna	*2402	*3101	*3503	*3543	*0102	*0401	RSSO, SBT, SSP
3753	Reed, Elaine	*2402/03	*3101/05	*3503	*3543	*0102/14/17	*0401/09N/10/29+	SBT
3625	Rees, Tracey	*24:02	*31:01	*35:03	*35:43	*01:02/25	*04:01/28/30/41	PCR-SSP, SBT
3798	Reinsmoen, N	*24:02:01/01L	*31:01:02	*35:03:01	*35:43	*01:02:01	*04:01:01/30	PCR-RSSO, SBT
3545	Scornik, Juan	*24:02	*31:01	*35:03	*35:43	*01:02	*04:01/09N/30	SSOP, SBT
13	Tagliere, Jac	*24:02	*31:01	*35:03/98	*35:43	*01:02	*04:01	
4021	Trachtenberg	*24	*31	*35		*01	*04	RVSSO, SSP
5462	Turner, E.V.	*24:02:01/57	*31:01:02/29	*35:01:01	*35:43	*01:02	*04:01:01	SEQ, SSO, SSP
735	UnivMichigan	*24:02/57	*31:01/29	*35:03	*35:43	*01:02/14/17	*04:01/10/29/30	SBT, SSP, RSSO

INVESTIGATOR		DNA EXTRACT #500 (Hispanic)					method	
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*0202	*240201	*2705/13	*390602	*02	*07	RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*24	*27	*39	*02	*07	SSO
745	Anthony Nola	*02:02	*24:02:01	*27:05	*39:06:02	*02:02:02	*07:02:01	SSO, SSP, SBT
2020	Barnardo, Mar	*02:02	*24:02:01:01	*27:05:02/05:04	*39:06:02	*02:02:02	*07:02:50/66/74+	PCR-SSP, SBT
4345	Blasczyk, Rai	*02:02	*24:02:01G	*27:05:02G	*39:06	*02:02	*07:02:01G	PCR-SBT
5106	Brown, Colin	*02:02/115/155	*24	*27	*39:06/24/28	*02	*07	PCR-SSOP, SBT
785	Chan, Soh Ha	*0202	*24	*2705/13	*3906	*0202/29	*0702/50/66/74	SBT
3224	Chen, Dongfen	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02:01G	SBT, RVSSO
8021	Clark, Brenda	*020122/02/03	*2402/03/07+	*2701/02/05+	*390101-0105+	*0202/04-15+	*0702/03/10+	PCR-SSP
5219	Daniel, Dolly	*02	*24	*27	*39			PCR-SSOP
5323	Dhaliwal, J.	*0202	*2402	*2705/13/37	*3906	*0202	*0702	RVSSO
5891	Du, Keming	*0202	*2402	*2705	*3906	*0202	*0702/50	PCR-SBT
3428	Eckels, Utah	*0202/*9286	*2435/37/47	*2705/13/48/51/55+	*3906	*0202/25Q/29	*07	SSOP
2332	Elkhalifa, Mo	*02	*24	*27	*39	*02	*07	SSP
4251	Ellis, Thomas	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02	PCR-SSO, SEQ
762	Fischer&Mayr	*02:02	*24:02/09N/11N+	*27:05/13	*39:06	*02:02/29	*07:02/50/66/74	
3135	Fischer, John	*02:02	*24:02	*27:05/13	*39:06	*02:02	*07:02	PCR-SSO, SBT
234	Gomez, Carmen	*02	*24	*27	*39	*02	*07	SSP
5195	Gomez, Carmen	*02	*24	*27	*39	*02	*07	SSOP
1694	Gottwald&Hes	*02	*24	*27	*39	*02	*07	SSP
810	Hamdi, Nuha	*0202	*2402	*2703	*3906	*0202	*0702	SSO
1461	Hidajat, Mela	*0202	*2402	*2705	*3906	*0202	*0702	SSO, SSP, SBT
615	Holdsworth, R	*0202	*2402/09N/11N+	*2705/13	*3906	*0202/29	*0702/50/66/74	SBT
2344	Hurley&Hartz	*0202	*24020101+	*270502/0504/13	*390602	*020202/29	*07020101/020102+	SBT
794	Jaatinen, Tai	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02/50	SBT, SSO, SSP
748	Jaramillo, An	*02	*24	*27	*39	*02	*07	SSO
797	Kato, Shunich	*02:02	*24:02	*27:05/13	*39:06	*02:02	*07:02/50	SSO, SBT
2847	Kihara, Masaa	*02	*24	*27	*39	*02	*07	RVSSO
5096	Koh, Eun-mi	*02	*24	*27	*39			PCR-SSO
87	Land, Geoff	*0202	*2402	*2705	*3906	*0202	*0702	SSO, SSP, SBT
278	Lee, Jar-How	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02	SSP, RVSSOP
640	Lee, Kyung Wh	*02:02	*24:02	*27:05:02G	*39:06	*02:02/27	*07:02/50/76	PCR-SBT
4651	Leech, Stephe	*02	*24	*27	*39	*02	*07	
1108	Linke, Robert	*02	*24	*27	*39	*02	*07	RVSSOP
9916	McIntyre, Joh	*02:02	*24:02:01:01	*27:05:02	*39:06:02	*02:02/24/25Q/28+	*07:02:01:01	
3186	Moses, Jonath	*02	*24	*27	*39	*02	*07	SSP, SSO
8042	Muncher, Lior	*0202	*2402	*2705	*3906	*0202	*0702	
8022	Olerup, Olle	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02	SSP
8065	Padua, Florec	*02	*24	*27	*39			SSP
3648	Pereira, Noem	*02:02	*24:02	*27:05P	*39:06	*0202//*02:16//+	*07:02P//*07:138+	RSSO, SSP, SBT
3966	Permpikul&Ve	*0202	*24	*38	*39	*02	*07	PCR-SSP
2400	Phelan, Donna	*0202	*2402	*2705	*3906	*0202	*0702/50	RSSO, SBT, SSP
3753	Reed, Elaine	*0202	*2402	*2705/13	*3906	*0202/27	*0702/50/76	SBT
3625	Rees, Tracey	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02	PCR-SSP, SBT
3798	Reinsmoen, N	*02:02	*24:02:01/01L	*27:05/13	*39:06:02	*02:02:02	*07:02:01	PCR-RSSO, SBT
3545	Scornik, Juan	*02:02	*24:02	*27:05/13	*39:06	*02:02	*07:02/50	SSOP, SBT
13	Tagliere, Jac	*02:02	*24:02	*27:05	*39:06	*02:02	*07:02	
4021	Trachtenberg	*02	*24	*27	*39	*02	*07	RVSSO, SSP
5462	Turner, E.V.	*02:02	*24:02:01:01+	*27:05:02/05:04/13	*39:06:02	*02:02:02	*07:02:01	SEQ, SSO, SSP
735	UnivMichigan	*02:02	*24:02	*27:05/13	*39:06	*02:02/27	*07:02/50/76	SBT, SSP, RSSO

## SUMMARY

Extract 497 (Caucasian)  
50 labs  
 A\*02 58%  
 A\*0201 12%  
 A\*02:01 20%  
 A\*020101 2%  
 A\*02:01:01 4%  
 A\*02010101 2%  
 A\*02:01:01:01 2%  
 A\*02 100% TOTAL

A\*02 54%  
 A\*0201 8%  
 A\*02:01 10%  
 A\*02:01:01 2%  
 A\*02new 18%  
 A\*0201new 4%  
 A\*02:01:01new 4%  
 A\*02 100% TOTAL

50 labs  
 B\*35 44%  
 B\*3503/70 4%  
 B\*35:03/70 2%  
 B\*350301/70 2%  
 B\*3503 12%  
 B\*35:03 24%  
 B\*350301 2%  
 B\*35:03:01 10%  
 B\*35 100% TOTAL

B\*44 30%  
 B\*4412 26%  
 B\*44:12 44%  
 B\*44 100% TOTAL

47 labs  
 Cw\*04 62%  
 C\*04:01/09N/30 6%  
 C\*04:01/30 2%  
 C\*04:01:01G 2%  
 C\*04:01:01/30 2%  
 Cw\*0401 11%  
 C\*04:01 11%  
 C\*04:01:01 4%  
 Cw\*04 100% TOTAL

Cw\*05 60%  
 Cw\*0501 11%  
 C\*05:01 23%  
 C\*05:01:01 6%  
 Cw\*05 100% TOTAL

Extract 498 (Caucasian)  
50 labs  
 A\*03 66%  
 A\*0301 12%  
 A\*03:01 14%  
 A\*03:01:01 6%  
 A\*03:01:01:01 2%  
 A\*03 100% TOTAL

A\*29 44%  
 A\*2902/09 4%  
 A\*29:02/09 4%  
 A\*290201/09 2%  
 A\*2901 2%  
 A\*2902 10%  
 A\*29:02 22%  
 A\*290201 2%  
 A\*29:02:01 10%  
 A\*29 100% TOTAL

50 labs  
 B\*07 52%  
 B\*0702/61 4%  
 B\*07:02/61 12%  
 B\*070201/61 2%  
 B\*07:02:01/61 6%  
 B\*0702 10%  
 B\*07:02 10%  
 B\*07:02:01 4%  
 B\*07 100% TOTAL

B\*44 30%  
 B\*4404 26%  
 B\*44:04 42%  
 B\*44 98% TOTAL

47 labs  
 Cw\*07 60%  
 Cw\*0702/50 4%  
 C\*07:02/50 6%  
 C\*07:02:01/50 2%  
 Cw\*0702 11%  
 C\*07:02 15%  
 C\*07:02:01 2%  
 Cw\*07 100% TOTAL

Cw\*16 38%  
 Cw\*1601/06/15 4%  
 C\*16:01/06/15 4%  
 C\*16:01/06 2%  
 Cw\*1601 17%  
 C\*16:01 26%  
 Cw\*160101 2%  
 C\*16:01:01 7%  
 Cw\*16 100% TOTAL

Extract 499 (Hispanic)  
50 labs  
 A\*24 60%  
 A\*2402 14%  
 A\*24:02 18%  
 A\*240201 2%  
 A\*24:02:01 2%  
 A\*24:02:01:01 4%  
 A\*24 100% TOTAL

A\*31 60%  
 A\*3101 12%  
 A\*31:01 16%  
 A\*310102 2%  
 A\*31:01:02 8%  
 A\*3102 2%  
 A\*31 100% TOTAL

50 labs  
 B\*35 42%  
 B\*3503/70 4%  
 B\*35:03/70 2%  
 B\*350301/70 2%  
 B\*3503 16%  
 B\*35:03 22%  
 B\*350301 2%  
 B\*35:03:01 10%  
 B\*35 100% TOTAL

B\*35 34%  
 B\*3543/67/69 8%  
 B\*35:43/67/69 4%  
 B\*3543 18%  
 B\*35:43 28%  
 B\*35:43:01 6%  
 B\*35 98% TOTAL

47 labs  
 Cw\*01 51%  
 Cw\*0102/25 4%  
 C\*01:02/25 4%  
 Cw\*0102 15%  
 C\*01:02 24%  
 C\*01:02:01 2%  
 Cw\*01 100% TOTAL

Cw\*04 55%  
 C\*04:01/09N/30 7%  
 C\*04:01/09N 4%  
 C\*04:01/30 2%  
 C\*04:01:01G 4%  
 C\*04:01:01/30 2%  
 Cw\*0401 15%  
 C\*04:01 9%  
 C\*04:01:01 2%  
 Cw\*04 100% TOTAL

Extract 500 (Hispanic)  
50 labs  
 A\*02 34%  
 A\*0202 26%  
 A\*02:02 40%  
 A\*02 100% TOTAL

A\*24 50%  
 A\*2402 16%  
 A\*24:02 26%  
 A\*240201 2%  
 A\*24:02:01 2%  
 A\*24:02:01:01 4%  
 A\*24 100% TOTAL

50 labs  
 B\*27 40%  
 B\*2705/13 10%  
 B\*27:05/13 14%  
 B\*27:05:02G 4%  
 B\*2703 2%  
 B\*2705 10%  
 B\*27:05 16%  
 B\*27:05:02 2%  
 B\*27 98% TOTAL

B\*39 34%  
 B\*3906 22%  
 B\*39:06 30%  
 B\*390602 4%  
 B\*39:06:02 10%  
 B\*39 100% TOTAL

47 labs  
 Cw\*02 45%  
 Cw\*0202/29 4%  
 Cw\*020202/29 2%  
 C\*02:02/29 2%  
 Cw\*0202 15%  
 C\*02:02 23%  
 C\*02:02:02 9%  
 Cw\*02 100% TOTAL

Cw\*07 58%  
 Cw\*0702/50 4%  
 C\*07:02/50 6%  
 Cw\*0702 11%  
 C\*07:02 13%  
 C\*07:02:01 6%  
 C\*07:02:01:01 2%  
 Cw\*07 100% TOTAL

INVESTIGATOR	CELL NO.1409 (Filipino)						method	
CTR	NAME	A1	A2	B1	B2	C1	C2	
745	Anthony Nola	*02:01:01	*11:01:01	*07:06	*49:01:01	*07:01:01	*07:02:01	SSO,SSP,SBT
5106	Brown,Colin	*02	*11	*07:05/06	*49:01	*07	*07	PCR-SSOP
774	Cecka,J.Mich	*02	*11	*07	*49:01/06/07	*07		SSP
5232	Charlton,Ron	*0201	*1101	*0706	*4901	*0701	*0702	RSSO,SSP
4492	Charron,D.	*02	*11	*07	*49	*07	*07	PCR-SSO
798	Claas,F.H.J.	*0201	*1101	*0706	*490101	*0701	*0702	SBT,SSP
3632	Colombe,Beth	*0201	*1101	*0706	*4901	*0701	*0702	SSP,SSO
5130	Costeas,Paul	*02:01	*11:01	*07:06	*49:01	*07:01	*07:02	SSO,SSP
779	Daniel,Claud	*02	*11	*07	*49	*07		PCR-SSP
8052	Del Pozo,Ana	*02	*11	*07	*4901			SSO
3186	Dunckley,Hea	*02	*11	*07	*49	*07		SSP,SSO
3766	Dunn,Paul	*02	*11	*07:05/06/90/97	*49:01/06	*07:01+	*07:02+	SSO,SSP
856	Dupont,Bo	*02:01	*11:01			*07:16	*07:02	SSO
5214	Eckels/CPMC	*02	*11	*07	*49	*07	*07	SSO
2332	Elkhalifa,Mo	*02	*11	*07	*49	*07		SSO
4251	Ellis,Thomas	*02:01	*11:01	*07:05	*49:01	*07:01	*07:02	PCR-SSO,SEQ
762	Fischer&Mayr	*02:01/01L/09/132+	*11:01/21N	*07:05/06	*49:01	*07:01/06/18/52	*07:02/50/66/74	SBT,SSO,SSP
792	Gandhi,Manis	*02:01	*11:01	*07:06	*49:01	*07:01	*07:02	SSO,SSP
8043	Gideon,Osna	*02	*11	*07	*49	*07		SSP,SSOP
810	Hamdi,Nuha	*0201	*1101	*070501	*490101	*0701	*0702	SSO
4269	Hanau,Daniel	*02	*11	*07	*49	*07		SSP
3808	Hogan,Patric	*02	*11	*07	*4901/06/08/09	*0701+	*0702+	
771	Israel,Shosh	*0201	*1101	*0706	*4901	*0701	*0702	SBT,SSP
9003	Israel_LR	*02	*11	*07	*49	*07		SSO
859	Kamoun,Malek	*02:01	*11:01	*07:06	*49:01	*07:01	*07:02	SBT,SSO,SSP
4337	Kim,Tai-Gyu	*02:01/09/43N/66+	*11:01/21N	*07:06	*49:01	*07:01/18/52	*07:02/50/66/74	SBT
168	Klein,Tirza	*02	*11	*07	*49	*07		PCR-SSP,SSO
278	Lee,Jar-How	*02:01/97/121/132+	*11:01/21N/30+	*07:06	*49:01	*07:01/77/78/83+	*07:02/80/84+	SSP,RVSSOP
6649	Lim,Young Ae	*02	*11	*07	*49	*07		PCR-SSP
731	Loewenthal,R	*02:01:01	*11:01:01	*07:05	*49:01	*07:01	*07:02:01	SBT,SSO
759	Lopez-Cepero	*0201/07/09/15N/18+	*1101-03/06/07+	*0705/06	*4901	*0701/05/06/18+	*0702/13/19/23+	RVSSO
23	Mah,Helen	*02	*11	*07:05/06	*49:01	*07	*07	SSO
8029	Mani,Rama	*02	*11	*07	*49			PCR-SSP
206	McAlack-Bala	*02	*11	*07	*49	*07	*07	RVSSOP
4336	Park,Myoung	*02	*11	*0705/06	*4901	*07		RVSSO
16	Pidwell/Aska	*020101	*110101	*0706	*490101	*070101	*070201/50	RSSO,SBT,SSP
3625	Rees,Tracey	*02	*11	*07	*49	*07	*07	PCR-SSP
5200	Reinke,Denni	*02	*11	*07	*49	*07		SSP
1160	Rosen-Bronso	*02	*11	*07:05/06/90/97	*49	*07		RVSSO,SSP
793	Rubocki,Ron	*02	*11	*07	*49	*07		SSP
4948	Sage,Deborah	*02:01/12/101	*11:01/04/24	*07:05/06	*49:01	*07:01/02/06/18/19/27/50/52/66+		SBT
3519	Semana,Gilbe	*0201	*1101	*0706	*4901	*0701	*0702	SBT,PCR-SSP
8001	Sheikh,Maqso	*02	*11	*07	*49	*07		RVSSOP,SSP
769	Tavoularis,S	*02:01:01	*11:01:01	*07:05:01/06	*49:01:01	*07:01:01	*07:02:01	SSO,SBT,SSP
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*02:01:01	*11:01:01	*07:06	*49:01:01	*07:01:01	*07:02:01	SBT
5462	Turner,E.V.	*02:01:01	*11:01:01	*07:05:01/06	*49:01:01	*07:01:01	*07:02:01	SEQ,SSO,SSP



INVESTIGATOR	CELL NO.1410 (Chinese)	A1	A2	B1	B2	C1	C2	method
CTR	NAME	A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*02:07	*11:01:01	*51:01:02	*46:01:01	*01:02	*14:02	SSO,SSP,SBT
5106	Brown,Colin	*02	*11	*51	*46:01/02/07N/10+	*01	*14	PCR-SSOP
774	Cecka,J.Mich	*02:07	*11	*51	*46	*01	*14	SSP
5232	Charlton,Ron	*0207	*1101	*5101	*4601	*0102	*1402	RVSSO,SSP
4492	Charron,D.	*02	*11	*51	*46	*01	*14	PCR-SSO
798	Claas,F.H.J.	*0207	*110101	*510102	*460101	*010201	*140201	SBT,SSP
3632	Colombe,Beth	*0207	*1101	*5101	*4601	*0102	*1402	SSP,SSO
5130	Costeas,Paul	*02:07	*11:01	*51:01	*46:01	*01:02	*14:02	SSO,SSP
779	Daniel,Claud	*02	*11	*51	*46	*01	*14	PCR-SSP
8052	Del Pozo,Ana	*02	*11	*51	*46			SSO
3186	Dunckley,Hea	*02	*11	*51	*46	*01	*14	SSP,SSO
3766	Dunn,Paul	*02	*11	*51	*46	*01	*14	SSO,SSP
856	Dupont,Bo	*02:07	*11:01			*01:02	*14:02	SSO
5214	Eckels/CPMC	*02	*11	*51	*46	*01	*14	SSO
2332	Elkhalifa,Mo	*02	*11	*51	*46	*01	*14	SSO
4251	Ellis,Thomas	*02:07	*11:01	*51:01	*46:01	*01:02	*14:02	PCR-SSO,SEQ
762	Fischer&Mayr	*02:07/15N/265	*11:02/21N	*51:01	*46:01/15N/24	*01:02/25	*14:02	SBT,SSO,SSP
792	Gandhi,Manis	*02:07	*11:01	*51:01	*46:01/10/15N/20	*01:02	*14:02	SSO,SSP
8043	Gideon,Osna	*02	*11	*51	*46	*01	*14	SSP,SSOP
810	Hamdi,Nuha	*0201	*1101	*5101	*4601	*0102	*1402	SSO
4269	Hanau,Daniel	*0207	*110102	*510102	*460101	*0102	*140201	SSP,SBT
3808	Hogan,Patric	*02	*11	*51	*46	*01	*14	
771	Israel,Shosh	*0207	*1101	*5101	*4601	*0102	*1402	SBT,SSP
9003	Israel_LR	*02	*11	*51	*46	*01	*14	SSO
859	Kamoun,Malek	*02:07	*11:01	*51:01	*46:01	*01:02/11	*14:02/11	SBT,SSO,SSP
4337	Kim,Tai-Gyu	*02:07/15N	*11:01/21N	*51:01	*46:01/15N	*01:02/25	*14:02	SBT
168	Klein,Tirza	*02	*11	*51	*46	*01	*14	PCR-SSP,SSO
278	Lee,Jar-How	*02:07	*11:01/21N/30+	*51:01	*46:01/10/15N	*01:02/25/29-31+	*14:02	SSP,RVSSOP
6649	Lim,Young Ae	*02	*11	*51	*46	*01	*14	PCR-SSP
731	Loewenthal,R	*02:07	*11:01:01	*51:01:02	*46:01:01	*01:02:01	*14:02:01	SBT,SSO
759	Lopez-Cepero	*0201/07/09/15N/18+	*1101-03/06/07+	*5101/43	*4601/02/07N/10+	*0102/07/08/11+	*1402/04/07N+	RVSSO
23	Mah,Helen	*02	*11	*51:01/43	*46	*01	*14	SSO
8029	Mani,Rama	*02	*11	*51	*46			PCR-SSP
206	McAlack-Bala	*02	*11	*51	*46	*01	*14	RVSSOP
4336	Park,Myoung	*0207/15N/18	*11	*51	*46	*01	*1402/07N/11	RVSSO
16	Pidwell/Aska	*0207	*110101	*510102	*460101	*0102	*1402	RSSO,SBT,SSP
3625	Rees,Tracey	*02	*11	*51	*46	*01	*14	PCR-SSP
5200	Reinke,Denni	*02	*11	*51	*46	*01	*14	SSP
1160	Rosen-Bronso	*02	*11	*51	*46	*01	*14	RVSSO,SSP
793	Rubocki,Ron	*02	*11	*51	*46	*01	*14	SSP
4948	Sage,Deborah	*02:01/07	*11:01/36	*51:01	*46:01	*01:02	*14:02	SBT
3519	Semana,Gilbe	*0207	*1101	*5101	*4601	*0102	*1402	SBT,PCR-SSP
8001	Sheikh,Maqso	*02	*11	*51	*46	*01	*14	RVSSOP,SSP
769	Tavoularis,S	*02:07	*11:01:01	*51:01:02	*46:01:01	*01:02	*14:02	SSO,SBT,SSP
747	Tiercy,Jean-	*02:07	*11:01:01	*51:01:02	*46:01:01	*01:02:01G	*14:02:01	SBT,SSO,SSP
5451	Tilanus,Marc	*02:07	*11:01:01	*51:01:02	*46:01:01	*01:02:01	*14:02:01	SBT
5462	Turner,E.V.	*02:07	*11:01:01	*51:01:02	*46:01:01	*01:02:01	*14:02:01	SEQ,SSO,SSP

INVESTIGATOR	CELL NO.1411 (Hispanic)							method
CTR	NAME	A1	A2	B1	B2	C1	C2	
745	Anthony Nola	*02:01:01	*68:05	*14:01	*40:08	*03:04:01	*08:02:01	SSO,SSP,SBT
5106	Brown,Colin	*02	*68:05/20	*14:01	*40:08	*03:04/06/09/19+	*08:02/04/05/17	PCR-SSOP
774	Cecka,J.Mich	*02	*68:05/15/20/46	*14:01/07N/08+	*40:08	*03	*08	SSP
5232	Charlton,Ron	*0201	*6805	*1401	*4008	*0304	*0802	RVSSO,SSP
4492	Charron,D.	*02	*68	*14	*40:08	*03	*08	PCR-SSO
798	Claas,F.H.J.	*0201	*6805	*1401	*4008	*03040101	*080201	SBT,SSP
3632	Colombe,Beth	*0201	*6805	*1401	*4008	*0304	*0802	SSP,SSO
5130	Costeas,Paul	*02:01	*68:05	*14:01	*40:08	*03:04	*08:02	SSO,SSP
779	Daniel,Claud	*02	*68	*14(B64)	*4008	*03(Cw10)	*08	PCR-SSP
8052	Del Pozo,Ana	*02	*68	*1401	*4008			SSO
3186	Dunckley,Hea	*02	*68	*1401/04/07N	*4008/35/75/82	*0304-06/08-10+	*08	SSP,SSO
3766	Dunn,Paul	*02	*6805/20	*14:01/12/14	*40:08	*03	*08	SSO,SSP
856	Dupont,Bo	*02:01	*68:05			*03:04	*08:02	SSO
5214	Eckels/CPMC	*02	*68	*14(B64)	*4008	*03(Cw10)	*08	SSO
2332	Elkhalifa,Mo	*02	*68	*14	*40	*03	*08	SSO
4251	Ellis,Thomas	*02:01	*68:05	*14:01	*40:08	*03:04	*08:02	PCR-SSO,SEQ
762	Fischer&Mayr	*02:01/01L/09/132+	*68:05	*14:01	*40:08	*03:04	*08:02	SBT,SSO,SSP
792	Gandhi,Manis	*02:01	*68:05	*14:01	*40:08	*03:04	*08:02	SSO,SSP
8043	Gideon,Osna	*02	*68	*14	*40	*03	*08	SSP,SSOP
810	Hamdi,Nuha	*0201	*6805	*1401	*4008	*0304	*0802	SSO
4269	Hanau,Daniel	*0201/01L	*6805	*1401	*4008	*0304	*0802	SBT
3808	Hogan,Patric	*02	*6803-05/20/24	*1401/04/07N+	*4008/13/35/75/82	*0304+	*08	
771	Israel,Shosh	*0201	*6805	*1401	*4008	*0304	*0802	SBT,SSP
9003	Israel_LR	*02	*68	*14	*40	*03	*08	SSO
859	Kamoun,Malek	*02:01	*68:05	*14:01	*40:08	*03:04	*08:02	SBT,SSO,SSP
4337	Kim,Tai-Gyu	*02:01/09/43N/66+	*68:05	*14:01	*40:08	*03:04	*08:02	SBT
168	Klein,Tirza	*02	*68	*14	*40	*03	*08	PCR-SSP,SSO
278	Lee,Jar-How	*02:01/97/121/132+	*68:05	*14:01	*40:08	*03:04	*08:02	SSP,RVSSOP
6649	Lim,Young Ae	*02	*68	*14(B64)	*40(B61)	*03	*08	PCR-SSP
731	Loewenthal,R	*02:01:01	*68:05	*14:01	*40:08	*03:04:01	*08:02:01	SBT,SSO
759	Lopez-Cepero	*0201/07/09/15N/18+	*6805/20	*1401	*4008/68	*0304/06/09/19+	*0802/04/05/17+	RVSSO
23	Mah,Helen	*02	*68:02/05	*14:01	*40:08	*03	*08	SSO
8029	Mani,Rama	*02	*68	*14	*40			PCR-SSP
206	McAlack-Bala	*02	*68	*14(B64)	*4008	*03(Cw10)	*08	RVSSOP
4336	Park,Myoung	*02	*68	*1401/07N	*4008	*03	*08	RVSSO
16	Pidwell/Aska	*020101	*6805	*1401	*4008	*030401	*080201	RSSO,SBT,SSP
3625	Rees,Tracey	*02	*68	*14(B64)	*40:08	*03(Cw10)	*08	PCR-SSP
5200	Reinke,Denni	*02	*68	*14(B64)	*40(B61)	*03(Cw10)	*08	SSP
1160	Rosen-Bronso	*02	*68:05/20	*14:01/12/14	*40:08	*03	*08	RVSSO,SSP
793	Rubocki,Ron	*02	*68	*14	*40	*03(Cw10)	*08	SSP
4948	Sage,Deborah	*02:01	*68:05	*14:01	*40:08	*03:04	*08:02	SBT
3519	Semana,Gilbe	*0201	*6805	*1401	*4008	*0304	*0802	SBT,PCR-SSP
8001	Sheikh,Maqso	*02	*68	*14:01	*40:08	*03:04	*08	RVSSOP,SSP
769	Tavoularis,S	*02:01:01	*68:05	*14:01	*40:08	*03:04:01	*08:02:01	SSO,SBT,SSP
747	Tiercy,Jean-	*02:01:01G	*68:05	*14:01	*40:08	*03:04:01G	*08:02:01/34	SBT,SSO,SSP
5451	Tilanus,Marc	*02:01:01	*68:05	*14:01	*40:08	*03:04	*08:02:01	SBT
5462	Turner,E.V.	*02:01:01	*68:05	*14:01	*40:08	*03:04:01	*08:02:01	SEQ,SSO,SSP

INVESTIGATOR	CELL NO.1412 (Black)	A2	B1	B2	C1	C2	method
CTR NAME	A1						
745 Anthony Nola	*01:01:01:01	*23:01:01	*13:01	*15:03:01	*02:10	*04:03	SSO,SSP,SBT
5106 Brown,Colin	*01	*23	*13:01/07N/11+	*15:03/103/132	*02	*04:03/16	PCR-SSOP
774 Cecka,J.Mich	*01	*23	*13	*15:03/103/127+	*02	*04:03/16	SSP
5232 Charlton,Ron	*0101	*2301	*1301	*1503	*0210	*0403	RVSSO,SSP
4492 Charron,D.	*01	*23	*13	*15	*02	*04	PCR-SSO
798 Claas,F.H.J.	*01010101	*230101	*130101	*150301	*0210	*0403	SBT,SSP
3632 Colombe,Beth	*0101	*2301	*1301	*1503	*0210	*0403	SSP,SSO
5130 Costeas,Paul	*01:01/25	*23:01	*13:01	*15:03	*02:10	*04:03	SSO,SSP
779 Daniel,Claud	*01	*23	*13	*15(B72)	*02	*04	PCR-SSP
8052 Del Pozo,Ana	*01	*23	*13	*15			SSO
3186 Duncckley,Hea	*01	*23	*13	*1503/61/74/*9503+	*02	*04	SSP,SSO
3766 Dunn,Paul	*01	*23	*13	*15:03/103/132+	*02	*04:03/16	SSO,SSP
856 Dupont,Bo	*01:01	*23:01			*02:10/14	*04:03	SSO
5214 Eckels/CPMC	*01	*23	*13	*15(B72)	*02	*04	SSO
2332 Elkhalifa,Mo	*01	*23	*13	*15	*02	*04	SSO
4251 Ellis,Thomas	*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	PCR-SSO,SEQ
762 Fischer&Mayr	*01:01/04N/22N/32+	*23:01/07N/17+	*13:01	*15:03	*02:10	*04:03	SBT,SSO,SSP
792 Gandhi,Manis	*01:01	*23:01	*13:01	*15:03	*02:10	*04:03	SSO,SSP
8043 Gideon,Osna	*01	*23	*13	*15	*02	*04	SSP,SSOP
810 Hamdi,Nuha	*0101	*2301	*1301	*1503	*0202	*0403	SSO
4269 Hanau,Daniel	NT						
3808 Hogan,Patric	*01	*23	*13	*1503+	*02	*04	
771 Israel,Shosh	*0101	*2301	*1301	*1503	*0210	*0403	SBT,SSP
9003 Israel_LR	*01	*23	*13	*15	*02	*04	SSO
859 Kamoun,Malek	*01:01	*23:01/17	*13:01	*15:03	*02:10	*04:03	SBT,SSO,SSP
4337 Kim,Tai-Gyu	*01:01/04N/22N/32+	*23:01/07N/17+	*13:01	*15:03/103	*02:10	*04:03	SBT
168 Klein,Tirza	*01	*23	*13	*15	*02	*04	PCR-SSP,SSO
278 Lee,Jar-How	*01:01/01N/22N/34N+	*23:25	*13:01/29	*15:03/103/173	*02:10	*04:03	SSP,RVSSOP
6649 Lim,Young Ae	*01	*23	*13	*15	*02	*04	PCR-SSP
731 Loewenthal,R	*01:01:01	*23:01:01	*13:01:01	*15:03:01	*02:10	*04:03	SBT,SSO
759 Lopez-Cepero	*0101/04N/06/09/14+	*2301/03/05-07+	*1301	*1503	*0202/04/08-10+	*0403/16	RVSSO
23 Mah,Helen	*01	*23	*13	*15:03	*02	*04:03/16	SSO
8029 Mani,Rama	*01	*23	*13	*15			PCR-SSP
206 McAlack-Bala	*01	*23	*13	*15(B72)	*02	*04	RVSSOP
4336 Park,Myoung	*01	*23	*13	*15	*02	*04	RVSSO
16 Pidwell/Aska	*010101	*230101/17	*1301	*150301/*9503	*0210	*0403	RSSO,SBT,SSP
3625 Rees,Tracey	*01	*23	*13	*15(B70)	*02	*04:03/16	PCR-SSP
5200 Reinke,Denni	*01	*23	*13	*15(B72)	*02	*04	SSP
1160 Rosen-Bronso	*01	*23	*13	*15	*02	*04	RVSSO,SSP
793 Rubocki,Ron	*01	*23	*13	*15(B72)	*02	*04	SSP
4948 Sage,Deborah	*01:01/14	*23:01/10/17	*13:01/20	*15:03/103/151	*02:10	*04:03	SBT
3519 Semana,Gilbe	*0101	*2301/17	*1301	*1503	*0210	*0403	SBT,PCR-SSP
8001 Sheikh,Maqso	*01	*23	*13	*15:03	*02	*04	RVSSOP,SSP
769 Tavoularis,S	*01:01:01:01/01:02N	*23:01:01/17	*13:01	*15:03:01/103	*02:10	*04:03	SSO,SBT,SSP
747 Tiercy,Jean-	NT						
5451 Tilanus,Marc	*01:01:01:01	*23:01:01	*13:01:01	*15:03:01	*02:10	*04:03	SBT
5462 Turner,E.V.	*01:01:01:01/01:02N	*23:01:01/17	*13:01:01	*15:01:01/103	*02:10	*04:03	SEQ,SSO,SSP

## SUMMARY

Cell 1409 (Filipino)  
46 labs

A*02	63%
A*0201	13%
A*02:01	11%
A*020101	2%
A*02:01:01	11%
A*02	100% TOTAL
A*11	63%
A*1101	13%
A*11:01	11%
A*110101	2%
A*11:01:01	11%
A*11	100% TOTAL

Cell 1410 (Chinese)  
47 labs

A*02	55%
A*0201	2%
A*0207	15%
A*02:07	28%
A*02	100% TOTAL
A*11	59%
A*1101	11%
A*11:01	11%
A*110101	4%
A*11:01:01	15%
A*11	100% TOTAL

Cell 1411 (Hispanic)  
47 labs

A*02	62%
A*0201	13%
A*02:01	13%
A*020101	2%
A*02:01:01	10%
A*02	100% TOTAL
A*68	43%
A*6805/20	4%
A*68:05/20	4%
A*6805	17%
A*68:05	32%
A*68	100% TOTAL

Cell 1412 (Black)  
45 labs

A*01	65%
A*0101	11%
A*01:01	9%
A*010101	2%
A*01:01:01	7%
A*01010101	2%
A*01:01:01:01	4%
A*01	100% TOTAL
A*23	60%
A*2301/17	2%
A*23:01/17	2%
A*230101/17	2%
A*23:01:01/17	5%
A*2301	9%
A*23:01	9%
A*230101	2%
A*23:01:01	7%
A*23:25	2%
A*23	100% TOTAL

45 labs

B*07	47%
B*0705/06	5%
B*07:05/06	9%
B*07:05:01/06	4%
B*07:05	4%
B*070501	2%
B*0706	13%
B*07:06	16%
B*07	100% TOTAL
B*49	44%
B*4901	16%
B*49:01	24%
B*490101	7%
B*49:01:01	9%
B*49	100% TOTAL

46 labs

B*51	52%
B*5101	11%
B*51:01	17%
B*510102	7%
B*51:01:02	13%
B*51	100% TOTAL
B*46	61%
B*4601	11%
B*46:01	9%
B*460101	6%
B*46:01:01	13%
B*46	100% TOTAL

46 labs

B*14	41%
B*1401	22%
B*14:01	37%
B*14	100% TOTAL
B*40	24%
B*4008	28%
B*40:08	48%
B*40	100% TOTAL

44 labs

B*13	57%
B*1301	16%
B*13:01	18%
B*130101	2%
B*13:01:01	7%
B*13	100% TOTAL
B*15	52%
B*150301/*9503	2%
B*15:03/103	2%
B*15:03:01/103	5%
B*1503	14%
B*15:03	16%
B*150301	2%
B*15:03:01	7%
B*15	100% TOTAL

44 labs

Cw*07	62%
Cw*0701	14%
C*07:01	11%
Cw*070101	2%
C*07:01:01	9%
C*07:16	2%
Cw*07	100% TOTAL
Cw*07	64%
Cw*0702	14%
C*07:02	11%
C*07:02:01	11%
Cw*07	100% TOTAL

45 labs

Cw*01	60%
Cw*0102	16%
C*01:02	16%
Cw*010201	2%
C*01:02:01	6%
Cw*01	100% TOTAL
Cw*14	51%
Cw*1402	13%
C*14:02	22%
Cw*140201	5%
C*14:02:01	9%
Cw*14	100% TOTAL

45 labs

Cw*03	49%
Cw*0304	13%
C*03:04	25%
Cw*030401	2%
C*03:04:01	9%
Cw*03040101	2%
Cw*03	100% TOTAL
Cw*08	51%
Cw*0802	13%
C:08:02	20%
Cw*080201	5%
C*08:02:01	11%
Cw*08	100% TOTAL

43 labs

Cw*02	54%
Cw*0202	2%
Cw*0210	14%
C*02:10	30%
Cw*02	100% TOTAL
Cw*04	37%
Cw*0403/16	2%
C*04:03/16	12%
Cw*0403	16%
C*04:03	33%
Cw*04	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1409 *****						***** CELL NO.1410 *****						***** CELL NO.1411 *****						***** CELL NO.1412 *****														
		(FILP)						(CHIN)						(HISP)						(BLCK)														
INVESTIGATOR	DAYS	A	A	B	B	C	B	B	A	A	B	B	C	B	B	A	A	B	B	C	C	B	A	A	B	B	C	C	B	B				
NAME	OLD	%	1	7	4	W	W	W	%	1	1	6	1	4	6	OTHERS	%	8	4	0	3	8	6	OTHERS	%	3	3	2	2	0	4	6	OTHERS	
Abbal, Michel	6	90	+	+	+	+	+	+	92	+	+	+	+	+	+		90	+	+	+08	+			88	+	+	+70	+	+					
Alonso, Anton	6	90	+	+	+	+	+	+	+	90	+	+	+	+	+	+		90	+	+64	10			90	+	+	+	+	+	+				
Alvarez, Carr	3	80	+	+	+	+	+	+	80	+	+	+	+	+	+		90	+	+64		+			80	+	+	+	+	+	+				
Anthony Nola	3	98	+	+	+	+			98	+	+	+	+				98	+28	+40					95	+	+	+	+						
Arnold, Angel	2	95	+	+	+	+	+	+	+	95	+	+	+	+	+	CW7	95	+	+	+	+	+		95	+	+	+	+W6	+	+				
Cecka, J. Mich	2	95	+	+	+	+	+	+	95	+	+	+	+	+			95	+	+6461		+			95	+	+	+	+	+	+				
Chan MD, Soh	4	95	+	+	+	+	+	B50, CW1	95	+	+	+	+	+			95	+	+	+40	+	+		95	+	+	+70	+	+	CW3				
Charron, D. P	6	95	+	+	+21		+		98	+	+	+	+	+			95	+28			+			95	+	+	+	+	+	+				
Claas, F.H.J.	6	90	+	+	+	+	+		90	+	+	+	+	+			90	+28	+		+	+		90	+	+	+	+	+	+				
Dunk, Arthur	2	98	+	+	+	+	+		98	+	+	+	+	+	CW7		98	+28	+40	+	+	+		98	+	+	+70	+W6	+	+				
Dunn, Paul Dr	6	95	+	+	+	+	+		95	+	+	+	+	+			95	+	+	+40		+		95	+	+	+	+	+	+				
Esteves Kond	2	100	+01	+	+	+	+		100	+01	+	+	+	+			100	+	+640810	+	+		100	+	+	+	+W4	+	+					
Fischer, Joha	6	???	+	+	+	+	+		???	+	+	+	+	+			???	+	+6461		+			???	+	+	+	+	+	+				
Gideon, Osna	6	100	+	+	+	+	+		100	+	+	+	+	+			100	+	+	+	+	+		100	+	+	+70	+	+					
Gomez, Carmen	2	90	+	+	+	+	+		90	+	+	+	+	+			90	+28	+48	+	+			90	+	+	+70	+W6	+	+				
Gomez, Carmen	3	95	+	+	+	+	+		95	+	+	+	+	+			95	+28	+48	+	+			95	+	+	+70	+W6	+	+				
Gottwald, Hes	6	90	+	+	+	+	+		90	+	+	+	+	+			90	+	+6461	+	+			90	+	+	+70	+						
Hahn, Amy B.	3	99	+	+	+	+	+		99	+	+	+	+	+			99	+28	+	10	+	+	4005, CW9	99	+	+	+	+W6	+	+				
Harville, Ter	15	98	+	+	+	+	+		98	+	+	+	+	+			98	+28	+40	+	+	+	B40V	98	+	+	+	+W4	+	+				
Hirankarn MD	6	NT							79	+01	+	+	+			83	+	+	+	+			B39	86	+	+	+70	+	+					
Hogan, Patric	15	NT							NT								NT							NT										
Holdsworth, R	8	96	+	+	+	+	+		96	+	+	+	+	+			90	+	+6440	+	+	+		97	+	+	+	+	+	+				
Hubbell, Char	2	95	+	+	+	+	+		95	+	+	+	+	+			95	+	+6548		+			95	+	+	+	+	+	+				
Israel, Shosh	6	95	+	+	+	+	+		95	+	+	+	+	+			95	+286540	+	+	+			95	+	+	+	+W4	+	+				
Keown, Paul M	2	98	+	+	+	+	+		98	+	+	+	+	+			98	+28	+		+			98	+	+	+70	+	+					
Klein, Tirza	6	95	+	+	+	+	+		97	+	+	+	+	+			95	+	+6461	+	+	+		98	+	+	+	+W6	+	+				
Kvam, Vonnett	2	98	+	+	+	+	+	CX15	98	+	+	+	+	+			98	+286440	+	+	+			98	+	+	+	+W6	+	+				
Lardy, N.M. D	6	90	+	+	+	+	+		90	+	+	+	+	+			90	+28	+40	+	+		B40V	90	+	+	+70	+W6	+	+				
Leech MD, Ste	2	95	+	+	+	+	+		95	+	+	+	+	+			95	+28	+	+	+			95	+	+	+	+W6						
Lo, Raymundo	4	98	+01	+					98	+01	+	+	+			98	+	+64				B18	98	+	+	+	+			B47				
Loewenthal M	7	90	+	+	+	+	+		90	+	+	+	+	+			90	+28	+	+	+			90	+	+	+70	+W4	+	+				
MacCann, Eile	2	95	+	+	+	+	+		95	+	+	+	+	+			95	+28	+		+			95	+	+	+70	+	+					
Mah, Helen	3	98	+	+	+	+	+		98	+	+	+	+	+			98	+	+	+40	+	+	+	B40V	98	+	+	+	+W4	+	+			
McAlack, Robe	2	97	+	+	+	+	+		97	+	+	+	+	+			97	+	650810	+	+	+	A69	98	+	+	+	+W4	+	+				
McAlack-Hana	3	98	+	+	+	+	+		98	+	+	+	+	+			98	+	+64	10	+	+		98	+	+	+	+	+	+	+			
McCluskey, Ja	8	95	+	+	+	+	+		95	+	+	+	+	+			95	+286440	+	+			B61	95	+A9	+70	+	+	A9V					
Meyer, Pieter	8	85	+	+	+	+	+		85	+	+	+	+	+			85	+	+	+	+		B39	85	+	+	+70	+W4						
Mpuntscha, Loy	6	90	+	+	+	+	+		90	+	+	+	+	+			90	+28	+		+			90	+	+	+	+	+	+	B47			
Norin, Allen	3	99	+	+	+	+	+		99	+	+	+	+	+			99	+	+6440		+		B61, B48	99	+	+	+	+	+	+				
Padua, Florec	4	95	+	+	+	+	+		95	+	+	+	+	+			97	+	+	+			B81	96	+	+	+	+						
Pais, Maria L	9	99	+	+	+	+	+		99	+	+	+	+	+			99	+	+6440					99	+	+	+	+						
Park, Myoung	8	80	+	+	+	+	+		88	+	+	+	+	+			86	+28	+61	+	+	+		82	+	+	+70	+W4	+					
Permpikul, Ve	6	NT							NT								NT							NT										
Pidwell/Aska	2	95	+	+	+	+	+		95	+	+	+	+	+			95	+	+	+40	+	+	+	B40V, B61	95	+	+	+	+W6	+	+			
Pollack, Mari	3	90	+	+	+	+	+		95	+	+	+	+	+			95	+28	+48	+	+	+		95	+	+	+	+W6	+	+				
Rees, Tracey	6	70	+	+	+	+	+		80	+	+	+	+	+			80	+	+6440	+	+	+	B40S	80	+	+	+	+	+	+				
Rosen-Bronso	3	90	+	+	+	+	+		90	+	+	+	+	+			90	+	+6440					90	+	+	+	+						
Rubocki, Rona	3	98	+	+	+	+	+		98	+	+	+	+	+			98	+28	+40	+	+	+	B40V	98	+	+	+70	+	+					
Semana MD, Gi	3	99	+	+	+	+	+		99	+	+	+	+	+			99	+28	+40		+			99	+	+	+70	+	+					
Shai, Isaac	8	93	+	+	+	+	+		90	+	+	+	+	+	CW3		83	+	+	+48	+	+	CW5	87	+	+	+70	+	+					

INTERNATIONAL CELL EXCHANGE

	***** CELL NO.1409 *****							***** CELL NO.1410 *****							***** CELL NO.1411 *****							***** CELL NO.1412 *****											
	V (FILP)							V (CHIN)							V (HISP)							V (BLCK)											
INVESTIGATOR	A	A	A	B	B	C	B	B	A	A	A	B	B	C	B	B	A	A	A	B	B	C	C	B	A	A	A	B	B	C	C	B	B
DAYS	B	2	1	7	4	W	W	W	B	2	1	5	4	W	W	W	B	2	6	1	4	W	W	W	B	1	2	1	7	W	4	W	W
NAME	OLD	%	1	9	7	4	6	OTHERS	%	1	1	6	1	4	6	OTHERS	%	8	4	0	3	8	6	OTHERS	%	3	3	2	2	0	4	6	OTHERS

X

3

---

Stavropoulos	2	98	+	+	+	+	+	+	97	+	+	+	+	+	+	+	98	+	28	+	40	+	+	+	97	+	+	+	+	+	W4	+	+
Tagliere, Jac	2	100	+	+	+	+	+	+	100	+	+	+	+	+	+	+	100	+	+	+	40	+	+	+	100	+	+	+	+	+	W4	+	+
Tiercy, Jean-	6	NT							100	+	+	+	+		+	100	+	+					+	NT									
Tilanus, Marc	6	???	+	+	+	+		+	???	+	+	+	+		+	???	+	+					+	???	+	+	+	70				+	
Vidan-Jeras,	6	100	+	+	+	+		+	95	+	+	+	+		+	95	+	+	+	6540			+	100	+							A24	
Wisecarver, J	6	98	+	+	+	+		+	98	+	+	+	+		+	98	+	28	+	40			+	98	+	+	+	70				+	

\*\*\*\*\*  
 \* \*  
 \* SUMMARY TABLE \*  
 \* \*  
 \*\*\*\*\*

(FILP)  
 \*\*\*\* CELL 1409 \*\*\*\*  
 (52 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A11 96.2%  
 1101 3.8%  
 (100.0%)  
  
 B7 98.1%  
  
 B49 96.2%  
 B21 1.9%  
 ( 98.1%)  
  
 CW7 57.7%  
  
 BW4 82.7%  
  
 BW6 82.7%

(OTHERS FOUND)  
 CX15 1.9%  
 CW1 1.9%  
 B50 1.9%

(CHIN)  
 \*\*\*\* CELL 1410 \*\*\*\*  
 (54 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A11 94.4%  
 1101 5.6%  
 (100.0%)  
  
 B51 100.0%  
 (100.0%)  
  
 B46 98.1%  
  
 CW1 55.6%  
  
 BW4 81.5%  
  
 BW6 61.1%

(OTHERS FOUND)  
 CW7 3.7%  
 CW3 1.9%

(HISP)  
 \*\*\*\* CELL 1411 \*\*\*\*  
 (54 SAMPLES TYPED)  
 A2 100.0%  
 (100.0%)  
  
 A68 55.6%  
 A28 42.6%  
 ( 98.1%)  
  
 B14 63.0%  
 B64 29.6%  
 B65 7.4%  
 (100.0%)  
  
 B40X 0.0%  
 B61 9.3%  
 B48 9.3%  
 4008 5.6%  
 B40 40.7%  
 ( 64.8%)  
  
 CW3 48.1%  
 CW10 9.3%  
 ( 57.4%)  
  
 CW8 48.1%  
  
 BW6 83.3%

(OTHERS FOUND)  
 B40V 9.3%  
 B61 5.6%  
 B39 3.7%  
 B81 1.9%  
 CW5 1.9%  
 B40S 1.9%  
 CW9 1.9%  
 4005 1.9%  
 B48 1.9%  
 B18 1.9%  
 A69 1.9%

(BLCK)  
 \*\*\*\* CELL 1412 \*\*\*\*  
 (53 SAMPLES TYPED)  
 A1 100.0%  
  
 A23 96.2%  
 A9 1.9%  
 ( 98.1%)  
  
 B13 100.0%  
  
 B72 56.6%  
 B70 37.7%  
 ( 94.3%)  
  
 CW2 58.5%  
  
 C403 3.8%  
 CW4 18.9%  
 CW6 20.8%  
 ( 43.4%)  
  
 BW4 79.2%  
  
 BW6 81.1%

(OTHERS FOUND)  
 B47 3.8%  
 A24 1.9%  
 A9V 1.9%  
 CW3 1.9%

\*\*\* 56 LABORATORIES REPLIED \*\*\*

\*\*\*\*\* NEXT SHIPMENT: 02/02/2011 \*\*\*\*\*