

REPORT OF THE 357th CELL EXCHANGE

MAY 4, 2011

B-cell Line	453-454
Serum	1049-1052
DNA Extract	513-516
Cells	1425-1428

B-cell line Exchange

We wish to acknowledge the generous collaborative efforts of **Franz Claas, Leiden University Medical Center Leiden**, and **Helen Bass, Jane Rowlands, and Tracey Rees, Welsh Blood Service, Pontyclun**, in sharing their interesting cells to study in our exchanges.

In this month's exchange study, 2 reference cells for rare class II types, GRD and 12827878, were examined.

TER-453. This cell from a Caucasian donor was GRD, one of the reference cells for the rare DRB1*03:04, in particular, DRB1*03:04:01, as correctly identified by Tiercy. Anholts et al. (1) described the DRB1*03 variant, "Sequencing showed 2 bp substitutions at codon 37 in a DRB1*0301 sequence, resulting in the replacement of aa Asn by Ser." The investigators detected DRB1*03:04 in 3 unrelated Caucasian donors and stated that the allele was found in association with DRB3*01:01 and DQB1*02:01. This cell was previously typed as TER-204 in 1997, as correctly noted by Lopez-Cepero and Tiercy.

In this present retyping, DRB1*03:04 was assigned by 69%.

The second DRB1 type was DRB1*04:04 (63%).

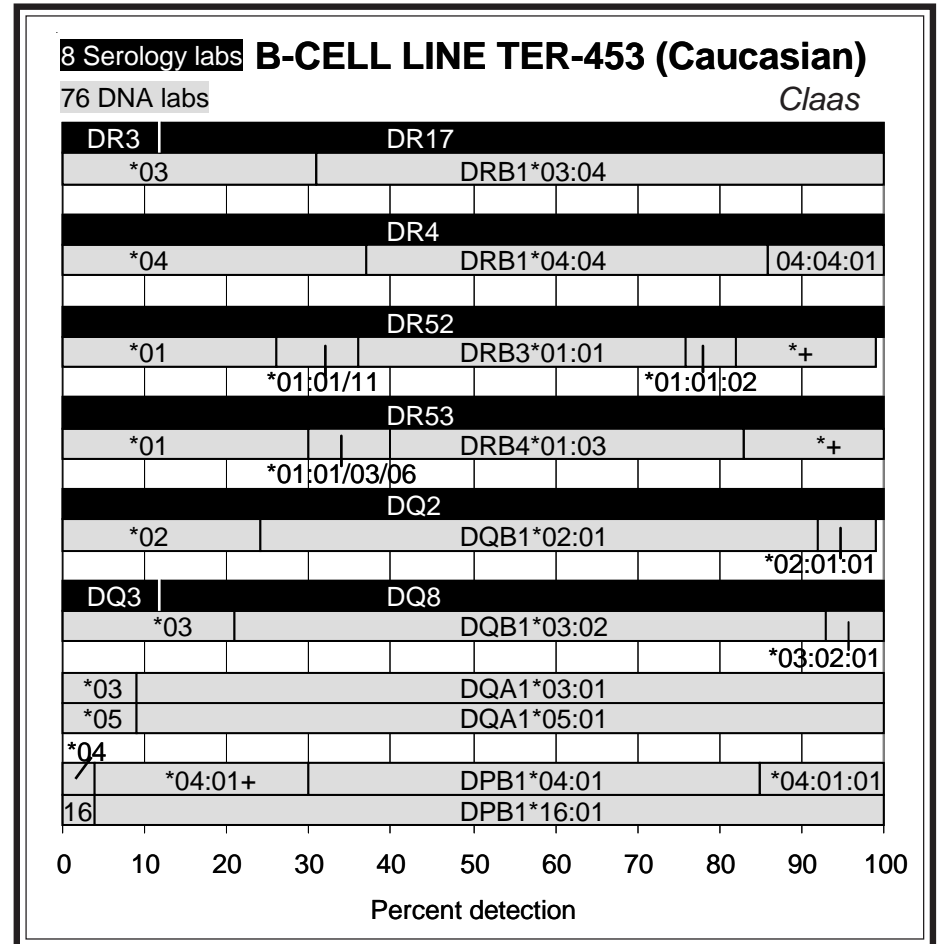
DR17 (88%) and DR4 (100%) were well typed.

The likely haplotypes were DRB1*03:04-DRB3*01:01-DQB1*02:01-DQA1*0:501 and DRB1*04:04-DRB4*01:03-DQB1*03:02-DQA1*0:301.

DPA1*01:03 was assigned by J.Lee.

DPB1*04:01 and DPB1*16:01 were reported by 70% and 96%, respectively.

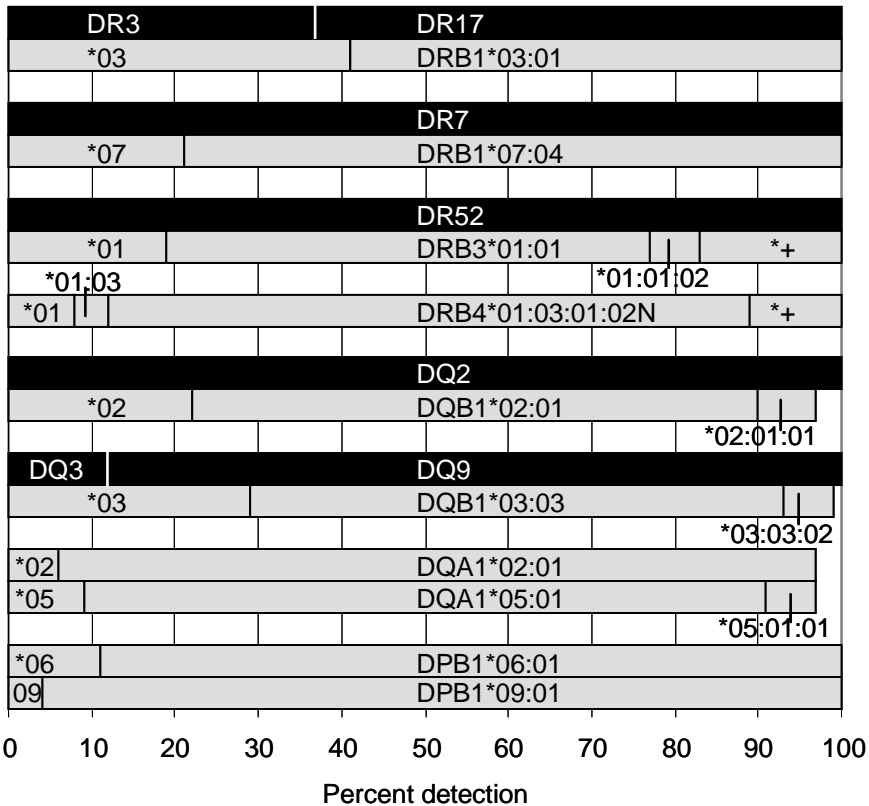
Another DRB1*03:04 reference cell, 35919, typed as TER-335 (2004) and TER-437 (2010), was similar to this cell in class II typing, except that the DPB1 types for 35919 were DPB1*04:01 and DPB1*06:01.



8 Serology labs B-CELL LINE TER-454 (Caucasian)

76 DNA labs

Bass, Rowlands, and Rees



TER-454. This Caucasian cell was 12827878, the reference cell for DRB1*07:04, and was previously typed in the Cell Exchange as TER-303 (2002) and TER-379 (2006), as correctly identified by Hah, Lopez-Cepero, Mah, Stamm, and Tiercy. Darke et al. (2) described DRB1*07:04 differing from DRB1*07:01 in exon 2, positions 217-221, resulting in 2 amino acids changes, one at codon 77 (tyrosine to asparagine) and the second at codon 78 (valine to tyrosine).

In this present retyping, DRB1*07:04 was detected by 79%.

The standard DRB1*03:01 was the second DRB1 type, as reported by 59%.

DR7 and DR17 were assigned by 100% and 63%, respectively.

Family studies by Darke et al. and confirmatory exchange results indicated the haplotypes as DRB1*03:01-DRB3*01:01-DQB1*02:01-DQA1*05:01 and DRB1*07:04-DRB4*01:03:01:02N-DQB1*03:03-DQA1*02:01. The family studies also showed that A*01-B*57-C*06:02 was on the same haplotype with DRB1*07:04

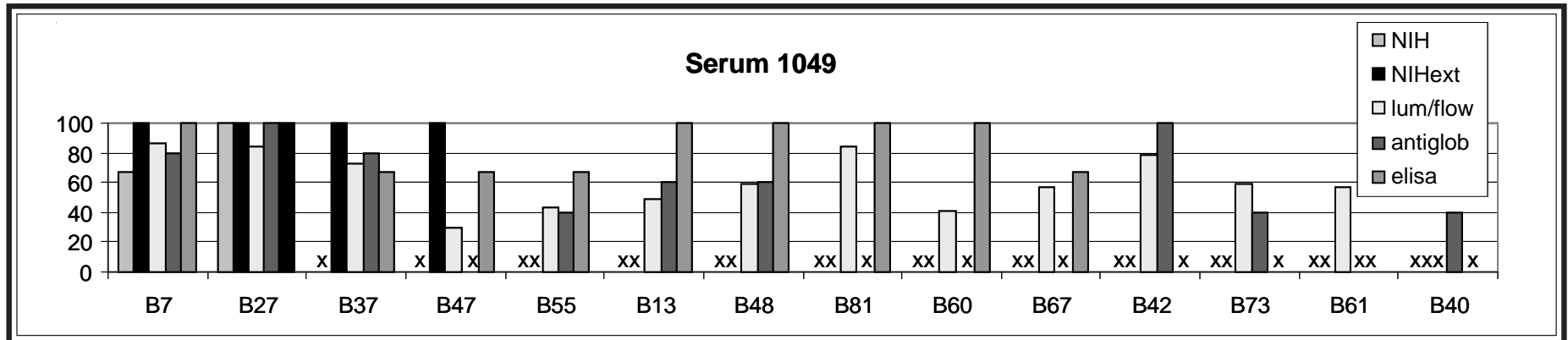
J.Lee reported DPA1*01:03 and DPA1*01:01.

DPB1*06:01 and DPB1*09:01 were assigned in consensus.

Serum Exchange

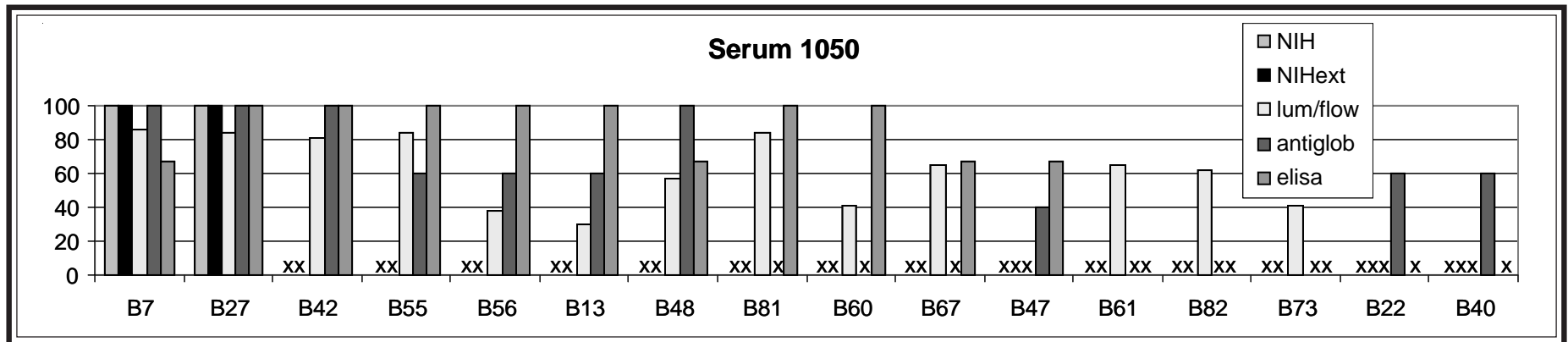
Four serum samples (sera 1049-1052) positive to 7CREG specificities were tested in this exchange study. Three of the 4 antibodies, sera 1049-1051, were strongly positive to B7 and B27 by all methods. The fourth sample,

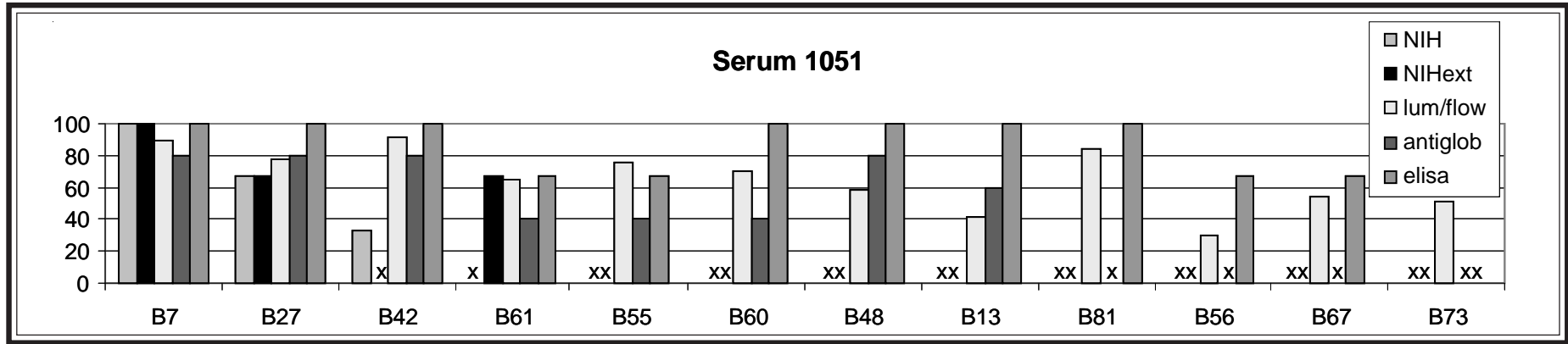
serum 1052, was reactive to both B7 and B27 by all methods, except by extended NIH, which detected B7 only.



Serum 1049 was positive to B7 and B27 by labs using NIH. Those labs using extended NIH also reported B37 and B47. Labs using the other methods, including Luminex, flow, antiglobulin, and ELISA also reported anti-B13, -B37, -B40, -B48, and -B55 reactivity. Additional reactivity to B81, B47, and B67

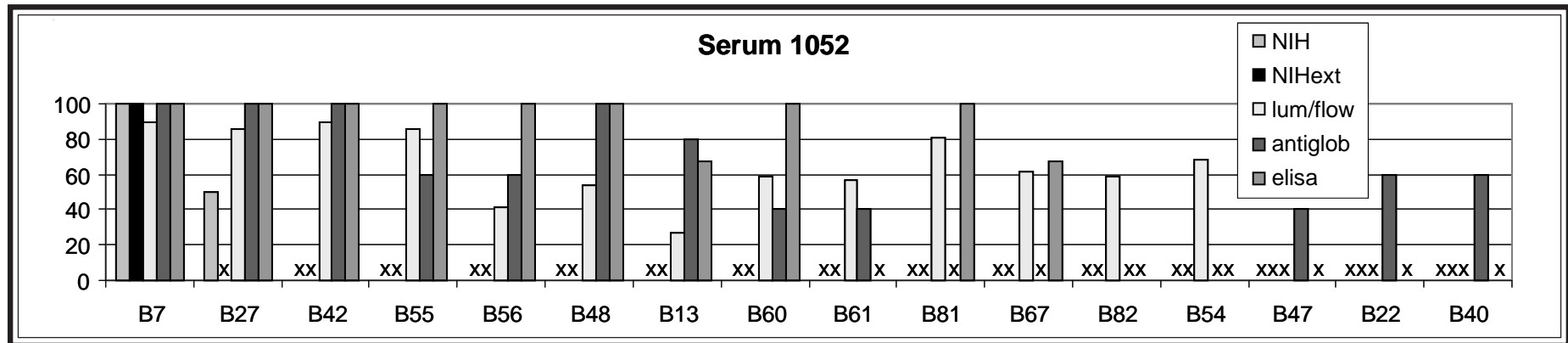
were reported by Luminex, flow, and ELISA, whereas B42 and B73 were detected by labs using Luminex, flow, and antiglobulin.



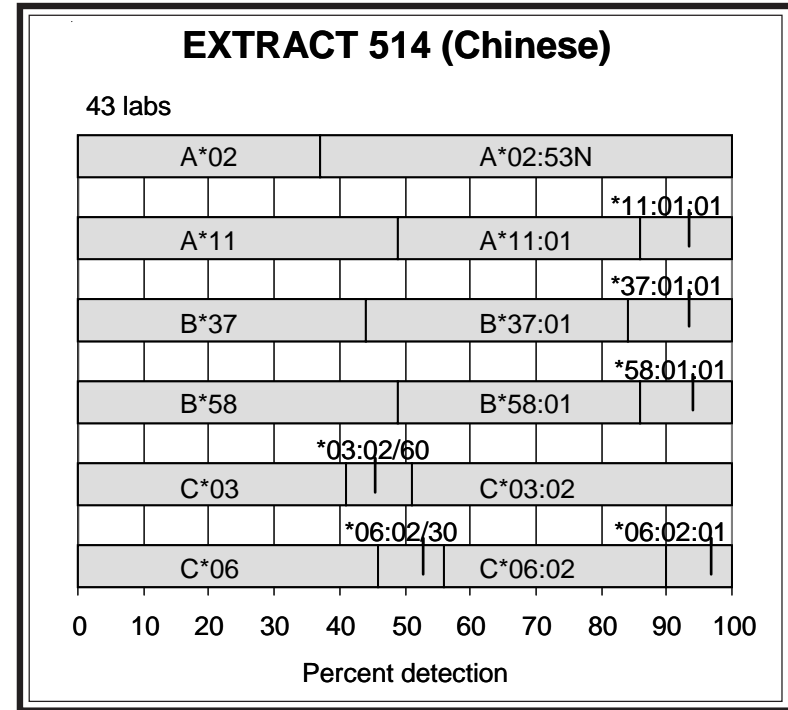
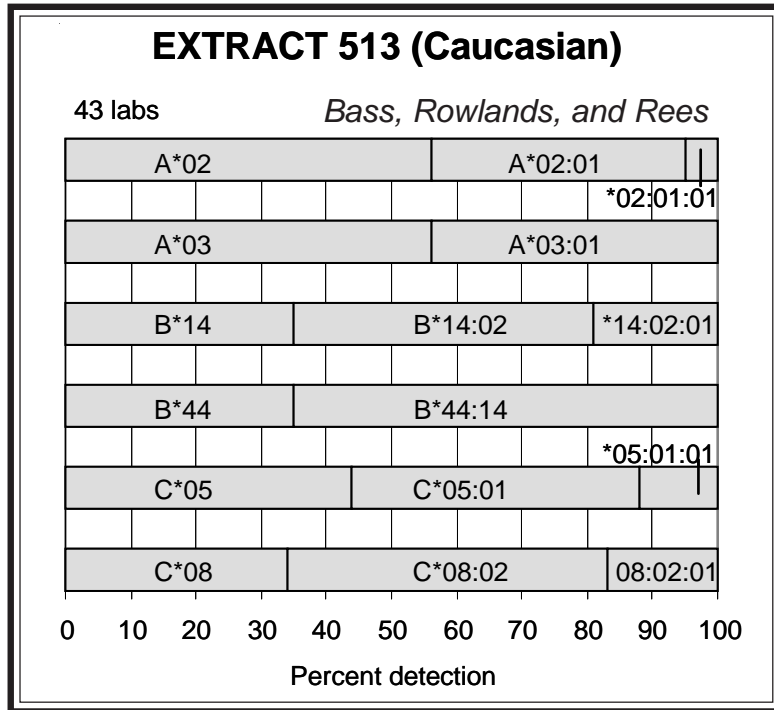


Sera 1050 and 1051 had similar reactivity patterns, being strongly positive to B7 and B27 by all methods. Additional reactivity to other 7CREG specificities, including B13, B42, B48, B22, and B40, were detected by Luminex, flow, antiglobulin, and ELISA labs. Luminex, flow, and ELISA also reported B67 and B81.

The reactivity pattern of **serum 1052** was similar to those of sera 1050 and 1051, except weaker anti-B27 reactivity was detected by NIH and no anti-B27 reactivity was reported by extended NIH.



Extract Exchange



Extract 513. This Caucasian cell was IP, the reference cell for the rare B*44:14, which differs from B*44:02:01 by 2 substitutions in exon 2, at positions 66 (T→C) and 69 (G→A), as described by Darke et al. (3) This cell was previously typed in the Cell Exchange as extract 273 in 2004.

In this present retyping, B*44:14 was detected by 65%, increasing over the 52% detection level in the initial 2004 typing. The 2 nucleotide substitutions result in the following amino acid changes from B*44:02:01, tyrosine to histidine at codon 113, and aspartic acid to asparagine at codon 114. Darke et al. observed that the B*44:14 product did not react with a number of B12, B44, and Bw4 alloantisera, and postulated the varied reactivity due to following, “HLA-B44 is characterized by the 113Y 114D 116D motif, and epitopes involving 167S and 41T 45K 46E are important B12 (B44, B45) epitopes...The B*4414 product lacks the 113Y 114D 116D motif (B*4414 has 113H 114N 116D) but possesses the two HLA-B12 epitopes and the position 77-83 NLR TLR Bw4 motif.”

B*14:02 (65%) was the second B-locus type.

C*05:01 (56%) and C*08:02 (66%) were the C-locus alleles.

The haplotypes in this cell may be A*03:01-B*14:02-C*08:02, a commonly found haplotype in Caucasians (HF=0.00691, from bioinformatics.nmdp.gov) and A*02:01-B*44:14-C*05:01, as offered by Darke et al.

Extract 514. This cell from a Chinese individual was Yanli (also known as SZ-1), a reference A*02:53N cell. Wu et al. (4) described this null A*02 allele as being most similar to A*02:01:01, with only one difference (C→G) at position 324 in exon 2, “This mutation resulted in an amino acid change from a tyrosine to a stop codon at position 108, (Y108X), suggesting the presence of an HLA-A*02011 associated null allele.” This cell was typed as IHW#9459 in the workshops, under the name of WUZHI.

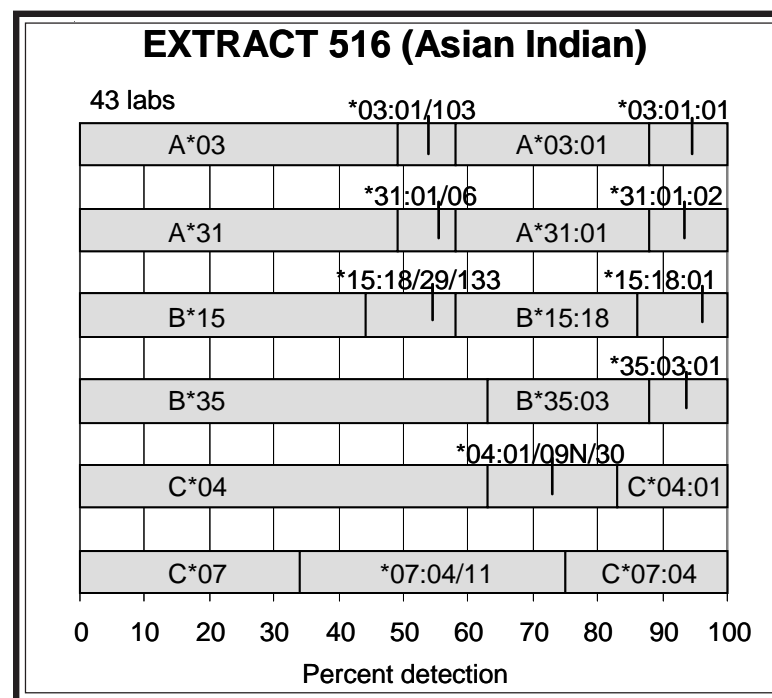
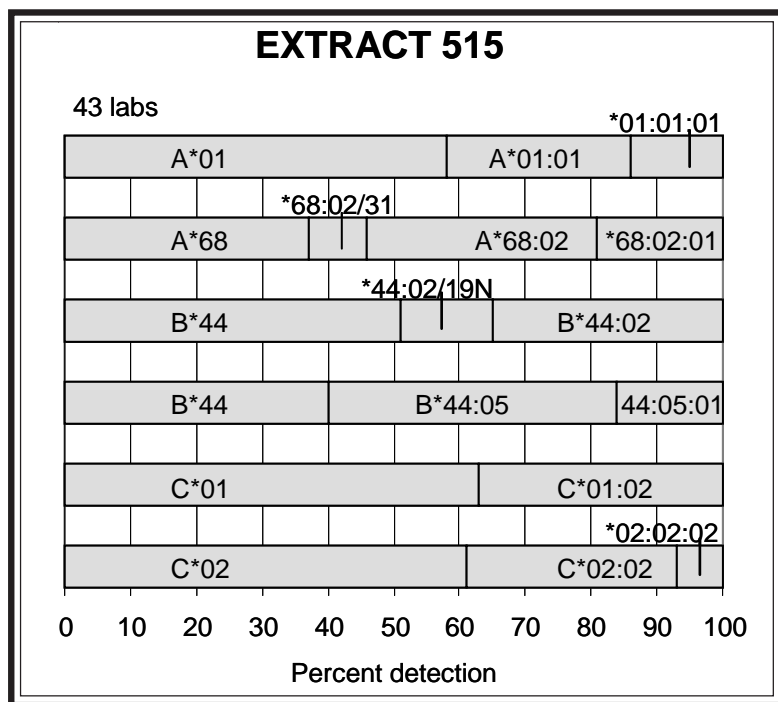
A*02:53N was detected by 63%.

A*11:01 (51%) was the second A-locus allele.

B*37:01 (56%) and B*58:01 (51%) were the B-locus alleles.

C*03:02 and C*06:02 were assigned by 49% and 44%, respectively.

The family study by Wu et al. indicated that the rare null allele was on the same haplotype with B*37:01. B*37:01-C*06:02 and B*58:01-C*03:02 are



strong associations found in all populations, particularly in Asians. According to the NMDP Bioinformatics web site, B*37:01-C*06:02 has a frequency of 0.01443 and B*58:01g-C*03:02 is the most frequently found B-C loci association in U.S. Asians, with a frequency of 0.05771. Adding the present exchange data, the haplotypes in this cell were probably A*02:53N-B*37:01-C*06:02 and A*11:01-B*58:01-C*03:02.

Extract 515. This cell with B*44:05 was studied in the workshops as IHW#9461. Other previous B*44:05 donors typed in the Cell Exchange were extracts 326 (Cauc), 378, and 490 (also 221) (Hispanic). No ethnicity information was provided for this cell; the IMGT/HLA web site listed all 7 reference B*44:05 cells as "Caucasoid."

B*44:05 was assigned by 60%, with 16% reporting B*44:05:01. The other B-locus allele was the standard B*44:02 (35%). A*01:01 (42%) and A*68:02 (54%) were the A-locus types. C*01:02 and C*02:02 were reported by 37% and 39%, respectively. B*44:05 is found strongly associated with C*02:02, notably C*02:02:02.

All previous B*44:05 exchange cells were also typed as C*02:02. The other association in this cell was the unusual B*44:02-C*01:02. B*44:02 is normally found in strong association with C*05:01 in all ethnic populations.

Extract 516. This cell from an Asian Indian individual was THA, the essential reference cell for DRB1*13:08, as described as Horne et al. (5). The cell was typed in the workshops as IHW#9327 and was studied in the Cell Exchange for class II as TER-332 (2003) and TER-425 (2009).

The class I typing of THA posted on the IMGT/HLA web site and listed in the 13th International Workshop was A3, A31, B35, B70, Cw4, Cw7 (6).

This present study of this cell revealed the high-resolution typing as A*03:01, A*31:01, B*35:03, B*15:18, C*04:01, C*07:04.

The probable associations in this cell were B*15:18-C*07:04 and B*35:03-C*04:01.

The exchange data confirmed the class II for this cell as DRB1*13:08, DRB1*15:02, DRB3*02:02, DRB5*01:02, DQB1*05:03, DQB1*06:01, DQA1*01:03, DQA1*01:04, DPB1*04:01, DPA1*01:03/07.

Cell Exchange

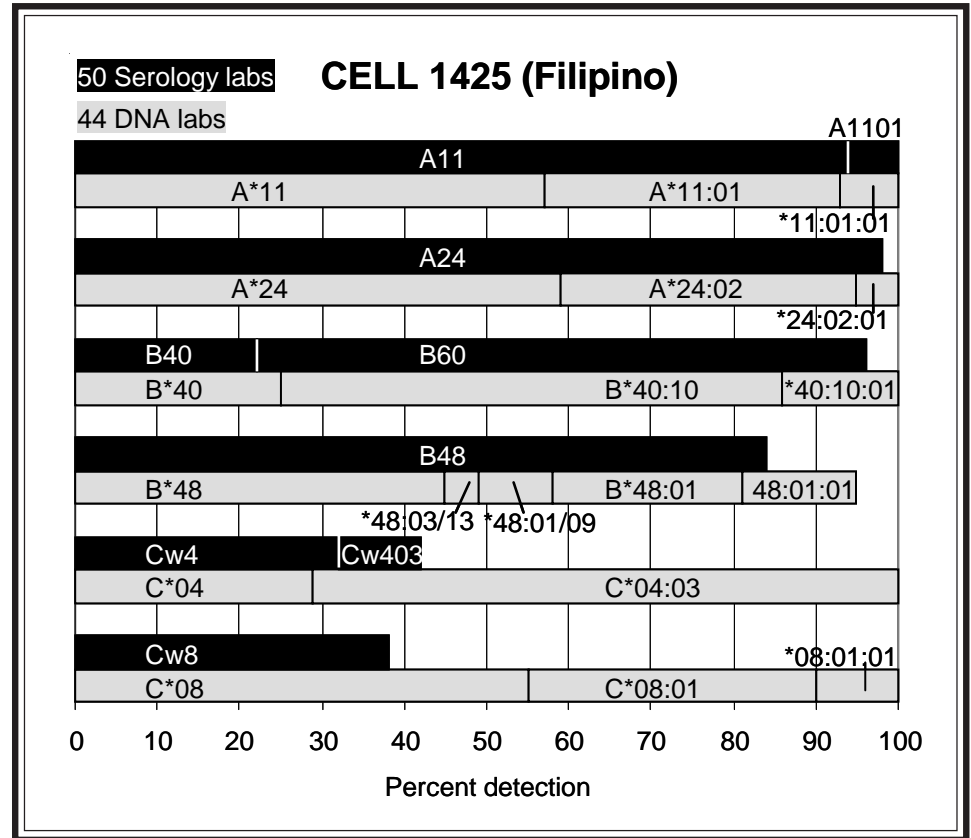
Cell 1425. This interesting cell was typed multiple times in the Cell Exchange as cells 1128 (2002), 1159 (2003), 1225 (2005), and 1282 (2006), as correctly identified by Askar, Lopez-Cepero, Mah, and Tiercy. Please note that the ethnicity information of this donor was corrected to “Filipino” from “Hispanic.” We apologize for any confusion.

B60 was assigned by 74% and B40 by 22%. The B40 variant was verified by 75% of the DNA labs as B*40:10. All other B*40:10 exchange cells (cells 1165, 1166, 1183, 1378) were also from Filipino donors.

B48 was detected by 84% and confirmed as B*48:01 by 37%. Holman and Tilanus commented that it was somewhat more difficult to identify B48 in the presence of the B60 antigen.

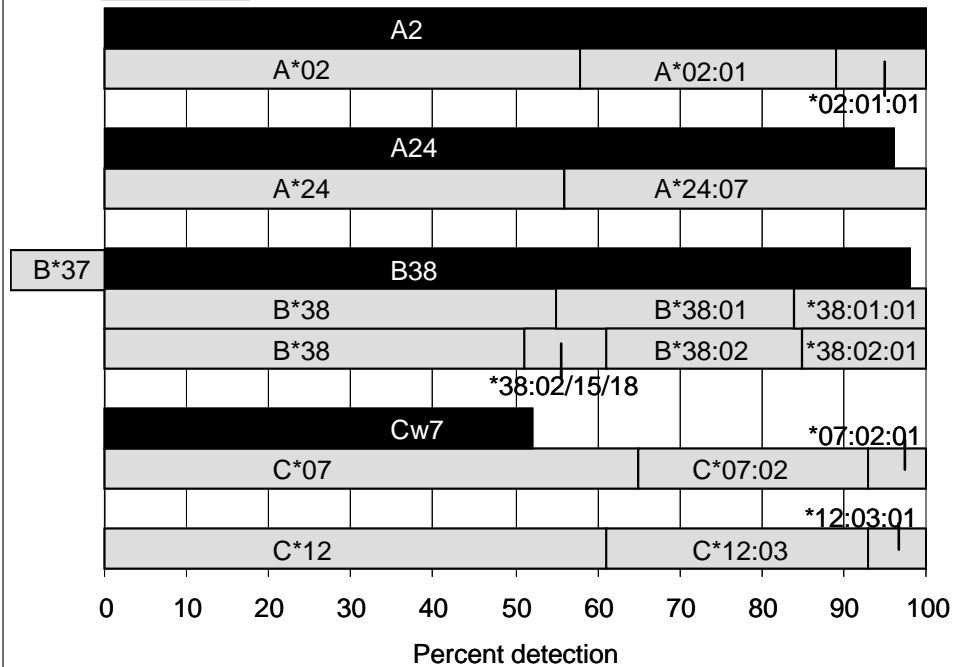
Cw4 (32%) and Cw8 (48%) were established as C*04:03 (71%) and C*08:01 (45%), respectively.

The likely haplotypes in this cell were A*11:01-B*40:10-C*04:03, found also in all previous B*40:10 exchange donors, and A*24:02-B*48:01-C*08:01. Dunn commented, “B*40:10 in Maori and Polynesian (populations) (is) found on (the) haplotype A11-B*40:10-C*04:03-DRB1*04:03.”



50 Serology labs CELL 1426 (Filipino/Hispanic)

45 DNA labs



Cell 1426. This donor was the offspring of cell 1427 in this same study.

B38 (98%) was the B-locus antigen, and 2 different B*38 alleles, B*38:01 (45%) and B*38:02 (42%), were detected.

A2 (100%) and A24 (96%) were verified as A*02:01 (42%) and A*24:07 (44%), respectively.

Cw7 (52%) was confirmed as C*07:02 (35%). C*12:03 (39%) was the second C-locus allele.

Family studies indicated that the haplotypes in this cell were A*02:01-B*38:01-C*12:03 and A*24:07-B*38:02-C*07:02.

Cell 1427. This Filipino individual was previously typed as cells 1214 (2004), 1231 (2005), 1278 (2006), and 1331 (2008), as noted by Askar, Lopez-Cepero, Mah, and Pancoska. Extract 267 (Filip) had the same high-resolution typing, but was from a different donor.

A24 was assigned by 96% and 2 different A*24 alleles, A*24:07 (56%) and A*24:33 (38%) were present. The following table shows the improved standardization for the typing of A*24:33, as being differentiated from A*24:03, over the 7-year period:

	cell 1214 2004	cell 1231 2005	cell 1278 2006	cell 1331 2007	cell 1427 2011
A*24	53%	40%	38%	37%	49%
A*24:03/22/33	x	10%	9%	x	x
A*24:03/33	21%	16%	19%	10%	9%
A*24:03	12%	16%	4%	14%	4%
A*24:19	x	x	2%	x	x
A*24:23	2%	x	x	x	x
A*24:33	12%	16%	28%	37%	38%

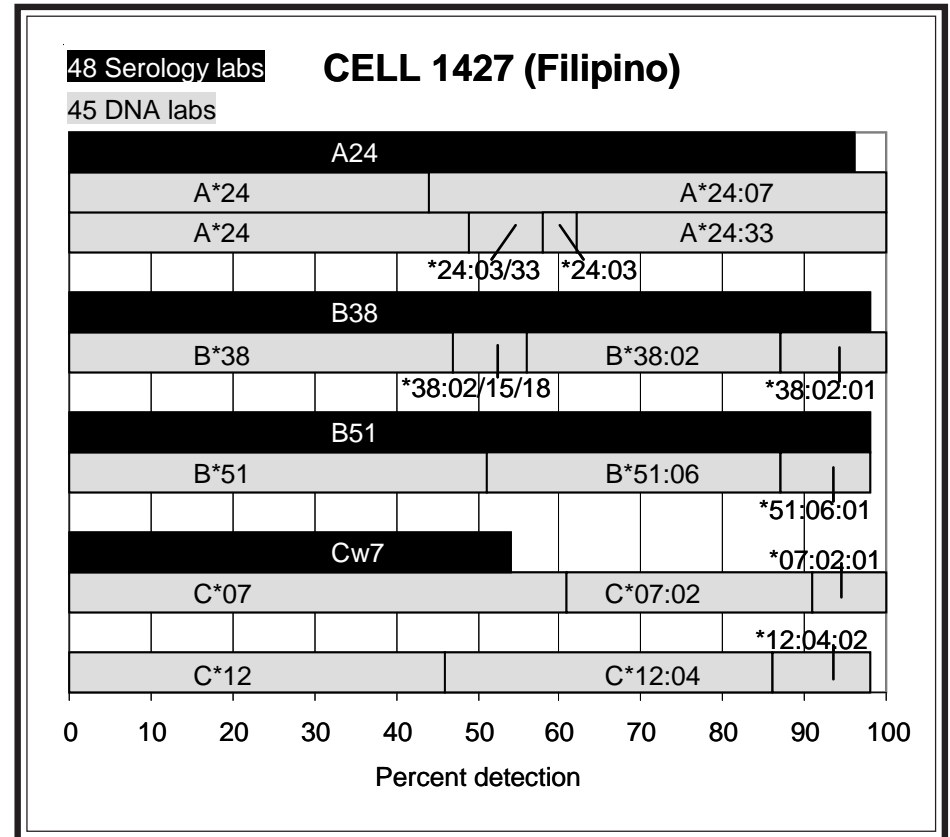
B51 (98%) was well typed; Dunk, Hanau and McAlack, Rees, and Rubocki noted shorter anti-B51 reactivity. B*51:06 (47%) was the high-resolution type. B*51:06 was also typed in cells 1034 (AsIndian) and 1134 (Filip), as well as in extracts 255 (Asian), 266 (AsIndian), 267 (Filip), 304 (Filip), and 404 (Filip).

B38 was assigned by 98% and verified as B*38:02 (44%). Holdsworth remarked that the anti-B38 reactivity was very short and therefore, most likely B3802.

Cw7 (54%) was established as C*07:02 (39%).

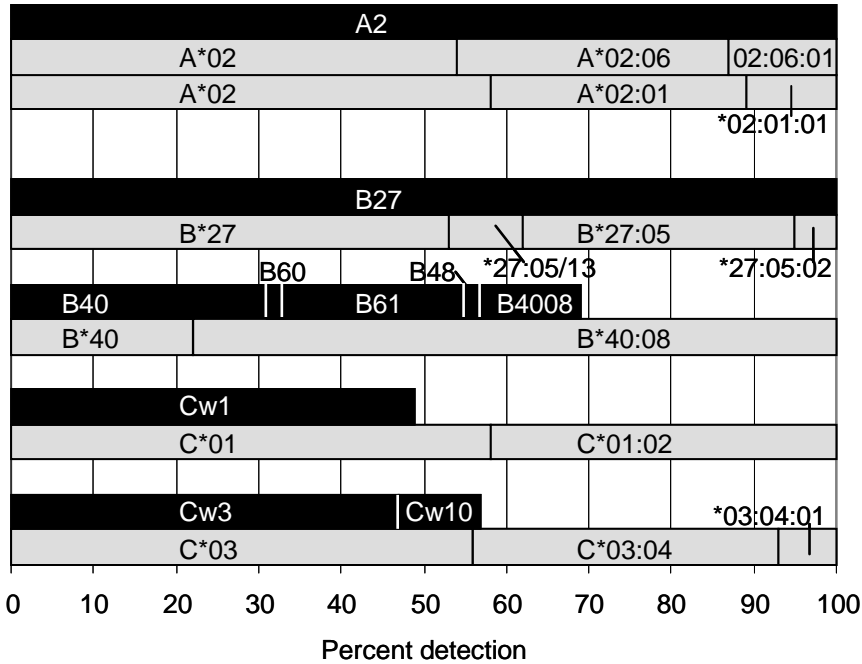
C*12:04 (56%) was the second C-locus high-resolution type, with 12% assigning C*12:04:02.

The typing of this donor and her offspring in this study as well as other family members confirmed the haplotypes as A*24:07-B*38:02-C*07:02, inherited by cell 1426, and A*24:33-B*51:06-C*12:04:02.



49 Serology labs CELL 1428 (Hispanic)

45 DNA labs



Cell 1428. This Hispanic donor was the sibling of cell 1421 typed in last month's study. Both donors had the B40 variant encoded by B*40:08. A number of labs (Askar, Claas, Dunn, Dunk, Hahn, Hirankarn, Holdsworth, Mah, Pollack, Rees, Rubocki, Semana, Tilanus) commented that the anti-B40 reactivity was weak or short and that a variant may be present. To follow are the assignments for the B40 variant for both cells:

	cell1421	cell1428
	53 labs	49 labs
B40	28%	31%
B61	21%	22%
B48	11%	2%
B4008	8%	12%
B60	2%	2%
B*40:08	77%	78%

The second B-locus antigen was B27, which was assigned in complete consensus and confirmed as B*27:05 (42%).

Cw1 (49%) and Cw3 (57%) with the Cw10 (10%) split, were corroborated as C*01:02 (42%) and C*03:04 (44%), respectively.

The siblings shared the A*02:01/06-B*40:08-C*03:04 haplotype. The other haplotype in this cell was A*02:01/06-B*27:05-C*01:02.

References

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3. Darke C, Street J, and Downing J. Immunogenetics of two new HLA-B alleles: B*4414 and B*5708. *Tissue Antigens* 2003;62:436.
4. Wu G-G, Cheng L-H, Deng Z-H, et al. Cloning and complete sequence of a novel HLA-A null allele, A*0253N, with a termination codon generated by a C to G mutation in exon 2. *Tissue Antigens* 2002;59:328.
5. Horne C, Goodfellow PJ, McDonald HL, et al. A new HLA-DRB1 allele formed by an intraexonic interallelic crossover. *Tissue Antigens* 1993;42:141.
6. Mickelson E, Hurley C, Ng J, et al. 13th IHWS Shared Resources Joint Report. In: *Immunobiology of the Human MHC*. JA Hansen, Ed. 2006 International Histocompatibility Working Group Press, Fred Hutchinson Cancer Research Center, Seattle, 2006;523.

NEXT MAILING DATE: June 8, 2011

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B-CELL LINE TER-453

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488	Adams, Sharon	*0304	*040401	*0101/11	*0101/03/06	*020101	*030201	*0301	*0501	*040101	*1601	RSSO, SBT, SSP
8070	Ahn, Jaeie	*03	*04			*02	*03			*04	*16	P-SSP
4691	Ajlan, Abdula	*03	*04			*02	*03					SSO
5133	Baker, Judy	*03:04	*04:04	*01:01/11	*01:03	*02:01	*03:02	*03:01	*05:01	*04:01	*16:01	SSO, SBT
774	Cecka, J. Mich	*03:04	*04:04	*01:01/12+	*01:03	*02:01/05	*03:02/32	*03:01	*05:01			SSP, SSOP
785	Chan, Soh Ha	*0304/25	*0404/68	*010102	*010301	*0201/04/05	*0302	*0301-03	*0501/03+			SBT
5232	Charlton, Ron	*0304	*0404			*0201	*0302					SSO, SSP
4492	Charron, D.	*03:04	*04:04/23+	*01:01	*01:03/08	*02:01	*03:02/32	*03:01	*05:01	*04:01+	*16:01	P-SSO, SSP
3224	Chen, Dongfen	*03:04	*04:04	*01:01/12+	*01:03	*02:01	*03:02	*03:01	*05:01			SBT, SSP
8021	Clark, Brenda	*03:04	*04:04	*01	*01	*02:01	*03:02			*04:01	*16:01	P-SSP, SSO
3632	Colombe, Beth	*0304	*0404	*0101	*0103	*0201	*0302					SSP, SSO
5130	Costeas, Paul	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02	*03:01	*05:01			SSO, SSP
779	Daniel, Claud	*03(DR17)	*04	+	+	*02	*03(DQ8)					P-SSP
5219	Daniel, Dolly	*03	*04	+	+	*02	*03					P-SSOP
8052	Del Pozo, Ana	*03	*04			*0201	*0302	*0301	*0501			SSOP
5323	Dhaliwal, J.S	*03:04	*04:04/70	*01	*01	*02:01	*03:02					P-SSP
5891	Du, Keming	*0304	*0404			*0201	*0302					P-SBT
5214	Eckels/CPMC	*03(DR17)	*04	*01	*01	*0302	*0302	*0301	*0501	*0401	*1601	SSO
2332	Elkhalifa, Mo	*0304	*0404	*01-*03	*01	*0201	*0302					SSP
4251	Ellis, Thomas	*03:04	*04:04	*01	*01:01/03/06	*02:01	*03:02	*03	*05	*04:01	*16:01	P-SSO, SEQ
3135	Enczmann, J.	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02			*04:01+	*16:01	SBT, P-SSP
762	Fischer/Mayr	*03:04	*04:04/23	*01:01	*01:03	*02:01	*03:02			*04:01	*16:01	RSSO, SSP, SBT
4079	Fort, Marylis	*03:04	*04:04	*04:04	*01:03	*02:01	*03:02					P-SSP, SSO
792	Gandhi, Manis	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02	*03:01	*05:01			SSO, SSP
8043	Gideoni, Osna	*03:04	*04:04			*02:01	*03:02					SSP
9002	Gideoni_LR	*03	*04			*02	*03					SSO, SSP
234	Gomez, Carmen	*03	*04		+	*02	*03					SSP
5195	Gomez, Carmen	*03	*04	*01	*01	*0201	*0302	*0301	*0501			SSOP
1694	Gottwald&Hes	*03:04	*04:04			*02:01	*03:02					SSP
910	Hahn, Amy B.	*03:04	*04:04	*01:01/12+	*01:03	*02:01/05	*03:02					SSP
810	Hamdi, Nuha	*0304	*0404			*02:01	*03:02	*03:01	*05:01			SSO
4269	Hanau, Daniel	*03:04	*04:04:01	*01:01:02	*01:03/08	*02:01	*03:02	*03:01	*05:01	*04:01+	*16:01	SSP, SBT
1461	Hidajat, M.	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02			*04:01	*16:01	SSO, SSP
2344	Hurley/Hartz	*03:04	*04:04:01			*02:01:01	*03:02:01			*04:01:01+	*16:01	SBT, SSOP
771	Israel, Shosh	*0304	*0404			*0201	*0302					SSP
794	Jaatinen, Tai	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02			*04:01	*16:01	SBT, SSO, SSP
859	Kamoun, Malek	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02	*03:01	*05:01			SBT, SSO, SSP
797	Kato, Shunich	*03:04	*04:04			*02:01	*03:02					SSO, +SBT-DR
4337	Kim, Tai-Gyu	*03:04	*04:04			*02:01	*03:02			*04:01	*16:01	SBT
168	Klein, Tirza	*03:04	*04:04			*02:01	*03:02					P-SSP, SSO
9000	Klein_LR	*03	*04			*02	*03					P-SSP, SSO
5096	Koh, Eun-mi	*03	*04									SSOP
87	Land, Geoffre	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501	*0401	*1601	SBT, SSO, SSP
725	Lardy, N.M.	*03	*04	+	+	*02	*03	*03	*05			SSO, SSP
278	Lee, Jar-How	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02	*03:01	*05:01	*04:01	*16:01	SSP, RVSSOP
640	Lee, Kyung Wh	*03:04	*04:04			*02:01	*03:02	*03:01:01	*05:01:01			P-SBT
6649	Lim, Young Ae	*03(DR17)	*04	+	+							P-SSP
274	Lo, Raymundo	*0301	*04	+	+	*02	*03					SSP
731	Loewenthal, R	*03:04	*04:04:01			*02:01	*03:02					SBT, SSO
759	Lopez-Cepero	*03:04/23+	*04:04/23+			*02:01	*03:02	*03:01	*05:01	*04:01	*16:01	RVSSO
23	Mah, Helen	*03:04	*04:04	*01:01	*01	*02:01	*03:02	*03:01	*05:01	*04:01	*16:01	SSO, SSP
8029	Mani, Rama	*03	*04	+	+							P-SSP
206	McAlack-Hana	*03(DR17)	*04	*01	*01	*02:01	*03:02					RVSSOP
9916	McIntyre, Joh	*03:04	*04:04:01	*01:01	*01:03/08	*02:01	*03:02					SBT, SSP
8042	Muncher, Lior	*03:04	*04:04			*02:01	*03:02					SSP, SSOP
9001	Muncher_LR	*03	*04			*02	*03					SSP, SSOP
3648	Pereira, Noem	*03:04	*04:04:01			*02:01:01	*03:02:01	*03:01	*05:01			RVSSO, SBT

B-CELL LINE TER-453

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
3966 Permpikul&Ve	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02					P-SSP
2400 Phelan, Donna	*03:04	*04:04	*01	*01	*02:01	*03:02	*03:01	*05:01			RSSO, SBT, SSP
735 Ramon, Daniel	*03:04	*04:04/23	*01:01/11	*01:01/03/06	*02:01	*03:02	*03:01	*05:01	*04:01+	*16:01	RVSSOP, SSP
8001 Rao, Prakash	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02			*04:01	*16:01	SSP, RVSSO
3753 Reed, Elaine	*0304/25	*0404/68	*0101/11	*0101/03/06	*0201	*0302	*0301	*0501			SBT, SSO
3798 Reinsmoen, N	*03:04	*04:04:01	*01:01/11	*01:01/03/06	*02:01	*03:02	*03:01	*05:01	*04:01:01	*16:01	RSSO, SSP, SBT
1160 Rosen-Bronso	*03	*04	*01	*01	*02:01	*03:02	*03:01	*05:01			RVSSO
793 Rubocki, Rona	*03(DR17)	*04	*+	*+	*02	*03(DQ8)					SSP
3519 Semana, Gilbe	*03:04	*04:04	*01:01	*01:03/08	*02:01	*03:02			*04:01	*16:01	SBT, P-SSP
8068 Shanmugam, He	*03	*04	*01	*01	*02	*03					P-SSP
746 Stamm, Luz	*03:04	*04:04	*01	*01	*02:01	*03:02	*03:01	*05:01			SSO, SSP, SBT
13 Tagliere, Jac	*03:04	*04:04	*01:01	*01:03	*02:01	*03:02					SSP
769 Tavoularis, S	*03:04	*04:04:01	*01:01	*01:03	*02:01:01	*03:02:01			*04:01:01	*16:01	SSO, SBT, SSP
747 Tiercy, Jean-	*03:04	*04:04:01	*01:01	*01:03	*02:01:01G	*03:02:01G	*03:01	*05:01	*04:01:01G	*16:01	SSO, SSP, SBT
5451 Tilanus, Marc	*03:04	*04:04:01	*01:01:02	*01:03:01:01	*02:01:01	*03:02:01	*03:01:01	*05:01:01	*04:01:01	*16:01	SBT
4021 Trachtenberg	*03	*04	*01	*01	*0201	*0302	*0301	*0501			SSO
5462 Turner, E.V.	*03:04	*04:04:01	*01:01	*01:03	*02:01	*03:02			*04:01+	*16:01	SEQ, SSO, SSP
5642 Varnavidou-N	*03:04	*04:04	*+	*+	*02:01/05	*03:02					P-SSP
3511 Zeevi, Adrian	*0304	*0404	*0101	*0103	*0201	*0302	*0301	*0501	*0401	*1601	RVSSOP, SSP

CTR DIRNAME	DR17	DR4	DR52	DR53	DQ2	DQ8	OTH1	OTH2
4492 Charron, D.	+	+	+	+	+	DQ3		
234 Gomez, Carmen	+	+	+	+	+	+		
5195 Gomez, Carmen	+	+	+	+	+	+		
910 Hahn, Amy B.	+	+	+	+	+	+		
4908 Kvam, Vonnett	+	+	+	+	+	+		
54 Pancoska, Car	+	+	+	+	+	+		
793 Rubocki, Rona	+	+	+	+	+	+		
8063 Shai, Isaac	DR3	+	+	+	+	+	DR8	

B-CELL LINE TER-453 (Caucasian)

76 DNA LABS

76 LABS REPORTING DRB1

DRB1*03	30%
DRB1*0301	1%
DRB1*03:04	57%
DRB1*0304	12%
DRB1*03	100% TOTAL
DRB1*04	37%
DRB1*04:04	38%
DRB1*0404	11%
DRB1*04:04:01	13%
DRB1*040401	1%
DRB1*04	100% TOTAL

53 LABS REPORTING DRB3

DRB3*+	17%
DRB3*01:01	34%
DRB3*0101	6%
DRB3*01:01:02	4%
DRB3*010102	2%
DRB3*01	26%
DRB3*01:01/11	6%
DRB3*0101/11	4%

53 LABS REPORTING DRB4

DRB4*+	17%
DRB4*01:03	34%
DRB4*0103	5%
DRB4*010301	2%
DRB4*01:03:01:01	2%
DRB4*01	30%
DRB4*01:01/03/06	6%
DRB4*0101/03/06	4%

8 SEROLOGY LABS

DR3	12%
DR17	88%
DR3	100% TOTAL
DR4	100%
DR52	100%
DR53	100%

73 LABS REPORTING DQB1

DQB1*02	23%
DQB1*02:01	54%
DQB1*0201	15%
DQB1*02:01:01	6%
DQB1*020101	1%
DQB1*02	99% TOTAL
DQB1*03	21%
DQB1*03:02	55%
DQB1*0302	18%
DQB1*03:02:01	5%
DQB1*030201	1%
DQB1*03	100% TOTAL

32 LABS REPORTING DQA1

DQA1*03	9%
DQA1*03:01	60%
DQA1*0301	25%
DQA1*03:01:01	6%
DQA1*03	100% TOTAL
DQA1*05	9%
DQA1*05:01	60%
DQA1*0501	25%
DQA1*05:01:01	6%
DQA1*05	100% TOTAL

27 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	26%
DPB1*04:01	44%
DPB1*0401	11%
DPB1*04:01:01	11%
DPB1*040101	4%
DPB1*04	100% TOTAL
DPB1*16	4%
DPB1*16:01	81%
DPB1*1601	15%
DPB1*16	100% TOTAL

DQ2	100%
DQ3	12%
DQ8	88%
DQ3	100% TOTAL

B-CELL LINE TER-454

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488	Adams, Sharon	*0301/50	*0704	*0101	*01030102N	*020101	*030302	*0201	*0501	*0601	*0901	RSSO, SBT, SSP
8070	Ahn, Jaeie	*03	*07			*02	*03			*06	*09	P-SSP
4691	Ajlan, Abdula	*03	*07			*02	*03					SSO
5133	Baker, Judy	*03:01	*07:04	*01:01	*01:03N	*02:01	*03:03	*02:01	*05:01	*06:01+	*09:01	SSO, SBT
774	Cecka, J. Mich	*03:01/28/32+	*07:04	*01:01/12+	*01:03:01:02N	*02:01/05	*03:03/20	*02:01	*05:01			SSP, SSOP
785	Chan, Soh Ha	*0301	*0704	*010102	*010301	*0201/04/05	*0303/12/15	*0201	*0501/03+			SBT
5232	Charlton, Ron	*0301	*0704			*0201	*0303					SSO, SSP
4492	Charron, D.	*03:01/50/55+	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03/31+	*02:01	*05:01	*06:01	*09:01	P-SSO, SSP
3224	Chen, Dongfen	*03:01	*07:04	*01:01/12+	*01:03N	*02:01	*03:03	*02:01	*05:01			SBT, SSP
8021	Clark, Brenda	*03:01	*07:04	*01	*01:03:01:02N	*02:01	*03:03			*06:01	*09:01	P-SSP, SSO
3632	Colombe, Beth	*0301	*0704	*0101	*0103N	*0201	*0303					SSP, SSO
5130	Costeas, Paul	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01	*03:02	*02:01	*05:01			SSO, SSP
779	Daniel, Claud	*03(DR17)	*07	*+	*01:03:01:02N	*02	*03(DQ9)					P-SSP
5219	Daniel, Dolly	*03	*07	*+	*+	*02	*03					P-SSOP
8052	Del Pozo, Ana	*03	*0704			*0501	*0602	*0101+	*0102			SSOP
5323	Dhaliwal, J.S	*03:01/28/32+	*07:04	*01	*01	*02:01	*03:03					P-SSP
5891	Du, Keming	*0301	*0704			*0201	*0303					P-SBT
5214	Eckels/CPMC	*03(DR17)	*0704	*0101	*0103N	*0302	*0302	*0201	*0501	*0601	*0901	SSO
2332	Elkhalifa, Mo	*0301	*0704	*01-*03	*01	*0201	*0303					SSP
4251	Ellis, Thomas	*03:01	*07:04	*01	*01:01/03/06	*02:01	*03:03	*02	*05	*06:01	*09:01	P-SSO, SEQ
3135	Enczmann, J.	*03:01	*07:04	*01:01	*01:03N	*02:01	*03:03			*06:01	*09:01	SBT, P-SSP
762	Fischer/Mayr	*03:01	*07:04	*01:01	*01:03N	*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	RSSO, SSP, SBT
4079	Fort, Marylis	*03:01/55	*07:04			*02:01	*03:03					P-SSP, SSO
792	Gandhi, Manis	*03:01	*07:04	*01:01	*01:03N	*02:01	*03:03	*02:01	*05:01			SSO, SSP
8043	Gideoni, Osna	*03:01	*07:04			*02:01	*03:03					SSP
9002	Gideoni_LR	*03	*07			*02	*03					SSO, SSP
234	Gomez, Carmen	*03	*07			*02	*03					SSP
5195	Gomez, Carmen	*03	*0704	*0101	*0103N	*0201	*0303	*0201	*0501			SSOP
1694	Gottwald&Hes	*03:01	*07:04			*02:01	*03:03					SSP
910	Hahn, Amy B.	*03:01/32/34+	*07:04	*01:01/12+	*01:03:01:02N	*02:01/05	*03:03/20					SSP
810	Hamdi, Nuha	*0301	*0704			*02:01	*03:03	*02:01	*05:01			SSO
4269	Hanau, Daniel	*03:01	*07:04	*01:01:02	*01:03:01:02N	*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	SSP, SBT
1461	Hidajat, M.	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03			*06:01	*09:01	SSO, SSP
2344	Hurley/Hartz	*03:01:01:01+	*07:04			*02:01:01	*03:03:02/31			*06:01	*09:01	SBT, SSOP
771	Israel, Shosh	*0301	*0704			*0201	*0303					SSP
794	Jaatinen, Tai	*03:01/50	*07:04	*01:01	*01:03N	*02:01	*03:03			*06:01	*09:01	SBT, SSO, SSP
859	Kamoun, Malek	*03:01	*07:04	*0101	*01:03:01:02N	*02:01	*03:03	*02:01	*05:01			SBT, SSO, SSP
797	Kato, Shunich	*03:01	*07:04			*02:01	*03:03					SSO, +SBT-DR
4337	Kim, Tai-Gyu	*03:01	*07:04			*02:01	*03:03			*06:01	*09:01	SBT
168	Klein, Tirza	*03:01	*07:04			*02:01	*03:03					P-SSP, SSO
9000	Klein_LR	*03	*07			*02	*03					P-SSP, SSO
5096	Koh, Eun-mi	*03	*07									SSOP
87	Land, Geoffre	*0301	*0704	*0101	*0103N	*0201	*0303	*0201	*0501	*0601	*0901	SBT, SSO, SSP
725	Lardy, N.M.	*03	*07	*+	*01:03:01:02N	*02	*03	*02	*05			SSO, SSP
278	Lee, Jar-How	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	SSP, RVSSOP
640	Lee, Kyung Wh	*03:01	*07:04			*02:01	*03:03	*02:01	*05:01:01			P-SBT
6649	Lim, Young Ae	*03(DR17)	*07	*+	*+							P-SSP
274	Lo, Raymundo	*0301	*07	*+	*+	*02	*03					SSP
731	Loewenthal, R	*03:01:01	*07:04			*02:01	*03:03					SBT, SSO
759	Lopez-Cepero	*03:01/18/19+	*07:04			*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	RVSSO
23	Mah, Helen	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	SSO, SSP
8029	Mani, Rama	*03	*07	*+	*+							P-SSP
206	McAlack-Hana	*03(DR17)	*07:04	*01:01	*01:03N	*02:01	*03:03					RVSSOP
9916	McIntyre, Joh	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03					SBT, SSP
8042	Muncher, Lior	*03:01	*07:04			*02:01	*03:03					SSP, SSOP
9001	Muncher_LR	*03	*07			*02	*03					SSP, SSOP
3648	Pereira, Noem	*03:01	*07:04			*02:01:01	*03:03:02	*02:01	*05:01			RVSSO, SBT

B-CELL LINE TER-454

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
3966 Permpikul&Ve	*03:01	*07:04	*01:01	*01:03	*02:01	*03:03					P-SSP
2400 Phelan, Donna	*03:01	*07:04	*01	*01:03N	*02:01	*03:03	*02:01	*05:01			RSSO, SBT, SSP
735 Ramon, Daniel	*03:01/50	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	RVSSOP, SSP
8001 Rao, Prakash	*03:01/45/50	*07:04	*01:01	*01:03N	*02:01	*03:03			*06:01	*09:01	SSP, RVSSO
3753 Reed, Elaine	*0301/42/50	*0704	*0101	*0103N	*0201	*0303	*0201	*0501			SBT, SSO
3798 Reinsmoen, N	*03:01	*07:04	*01:01	*01:03N	*02:01	*03:03	*02:01	*05:01	*06:01	*09:01	RSSO, SSP, SBT
1160 Rosen-Bronso	*03	*07:04	*01:01	*01:03N	*02:01	*03:03	*02:01	*05:01			RVSSO, SSP
793 Rubocki, Rona	*03(DR17)	*07	*+	*null	*02	*03(DQ9)					SSP
3519 Semana, Gilbe	*03:01	*07:04	*01:01	*01:03N	*02:01	*03:03			*06:01	*09:01	SBT, P-SSP
8068 Shanmugam, He	*03	*07	*01	*01	*02	*03					P-SSP
746 Stamm, Luz	*03:01	*07:04	*01	*01:03N	*02:01	*03:03	*02:01	*05:01			SSO, SSP, SBT
13 Tagliere, Jac	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01	*03:03					SSP
769 Tavoularis, S	*03:01	*07:04	*01:01	*01:03:01:02N	*02:01:01	*03:03:02			*06:01	*09:01	SSO, SBT, SSP
747 Tiercy, Jean-	*03:01:01G	*07:04	*01:01	*01:03:01:02N	*02:01:01G	*03:03:02G	*02:01	*05:01	*06:01	*09:01	SSO, SSP, SBT
5451 Tilanus, Marc	*03:01	*07:04	*01:01:02	*01:03:01:02N	*02:01:01	*03:03:02	*02:01	*05:01:01	*06:01	*09:01	SBT
4021 Trachtenberg	*03	*07	*0101	*0103N	*0201	*0303	*0201	*0501			SSO
5462 Turner, E.V.	*03:01	*07:04	*01:02	*01:03:01:02N	*02:01	*03:03			*06:01	*09:01	SEQ, SSO, SSP
5642 Varnavidou-N	*03:01	*07:04	*+	*+	*02:01	*03:03/20					P-SSP
3511 Zeevi, Adrian	*0301	*0704	*0101	*01030102N	*0201	*0303	*0201	*0501	*0609	*0901	RVSSOP, SSP

CTR DIRNAME	DR17	DR7	DR52	DQ2	DQ9	OTH1	OTH2
4492 Charron, D.	DR3	+	+	+	DQ3	DR53	
234 Gomez, Carmen	+	+	+	+	+	DR53	
5195 Gomez, Carmen	+	+	+	+	+	DR53	
910 Hahn, Amy B.	+	+	+	+	+		
4908 Kvam, Vonnett	+	+	+	+	+		
54 Pancoska, Car	+	+	+	+	+		
793 Rubocki, Rona	DR3	+	+	+	+		
8063 Shai, Isaac	DR3	+	+	+	+	DR53	

B-CELL LINE TER-454 (Caucasian)

76 DNA LABS

76 LABS REPORTING DRB1

DRB1*03	41%
DRB1*03:01	45%
DRB1*0301	13%
DRB1*03:01:01	1%
DRB1*03	100% TOTAL
DRB1*07	21%
DRB1*07:04	61%
DRB1*0704	18%
DRB1*07	100% TOTAL

52 LABS REPORTING DRB3

DRB3*+	17%
DRB3*01:01	41%
DRB3*0101	17%
DRB3*01:02	2%
DRB3*01:01:02	4%
DRB3*010102	2%
DRB3*01	17%

53 LABS REPORTING DRB4

DRB4*+	11%
DRB4*01:03	2%
DRB4*010301	2%
DRB4*01:03N	25%
DRB4*0103N	11%
DRB4*01:03:01:02N	37%
DRB4*01030102N	4%
DRB4*01	8%

8 SEROLOGY LABS

DR3	37%
DR17	63%
DR3	100% TOTAL
DR7	100%
DR52	100%

73 LABS REPORTING DQB1

DQB1*02	22%
DQB1*02:01	54%
DQB1*0201	14%
DQB1*02:01:01	6%
DQB1*020101	1%
DQB1*02	97% TOTAL
DQB1*03	26%
DQB1*03:02	2%
DQB1*0302	2%
DQB1*03:03	49%
DQB1*0303	14%
DQB1*03:03:02	4%
DQB1*030302	2%
DQB1*03	99% TOTAL

33 LABS REPORTING DQA1

DQA1*02	6%
DQA1*02:01	67%
DQA1*0201	24%
DQA1*02	97% TOTAL
DQA1*05	9%
DQA1*05:01	61%
DQA1*0501	21%
DQA1*05:01:01	6%
DQA1*05	97% TOTAL

27 LABS REPORTING DPB1

DPB1*06	7%
DPB1*06:01	78%
DPB1*0601	11%
DPB1*0609	4%
DPB1*06	100% TOTAL
DPB1*09	4%
DPB1*09:01	81%
DPB1*0901	15%
DPB1*09	100% TOTAL

OTHERS	
DR53	50%

DQ2	100%
DQ3	12%
DQ9	88%
DQ3	100% TOTAL

	SERUM NO. 1049										SERUM NO. 1050										METHOD						
	%	%	B	B	B	B	B	B	B	B	B	%	%	B	B	B	B	B	B	B		B					
	POS	8'S	7	7	1	2	7	3	8	7	3	1	POS	8'S	7	7	2	5	1	8	7	1	2	6			
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	A66	(3)	
Alvarez & Ca	53	100											40	100	+	+									A1,A25,A26,A11>	(3)	
Askar,Medhat	23	100	+	+	+		+						20	100	+	+			+						B47	(2)	
Cecka,J.Mich	83	33	+	+		+	+				+		65	100	+	+	+	+		+				+	B13,B37,B41>	(4)	
Charlton,Ron	100	???	+	+	+	+	+			+			100	???	+	+	+	+	+		+			+	B73	(3)	
Claas,F.H.J.	33	100	+	+									38	100	+	+										(1)	
Cohen,JHM Pr	71	???	+	+		+	+	+		+			76	???	+	+	+			+	+	+		+	B73,B60	()	
Dunk,Arthur	27	50	+	+	+								25	100	+	+	+		+							(6)	
Dunn,Paul Dr	33	100	+	+			+						16	100	+	+										(2)	
Eckels/CPMC	67	???		+		+	+			+			60	???	+	+	+		+					+	B22,B40,B41>	(4)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	B73	(3)	
Esteves Kond	8	100		+	+								19	100	+	+		+								(1)	
Esteves-Kond	83	100	+	+	+	+	+			+			80	100	+	+	+	+	+	+	+			+	B13,B60	(3)	
Fort,Maryliss	???	???	+	+	+	+	+			+			???	???	+	+	+	+	+	+	+	+		+	B60	(3)	
Gandhi,Manis	73	???	+	+	+	+	+	+	+	+			77	???	+	+	+	+	+	+	+	+	+		B73	(3)	
Gautreaux,Mi	92	???	+	+	+	+							94	???	+	+	+	+		+				+	B60,B47	(3)	
Gideon,Osna	84	100	+	+	+	+				+			86	100	+		+	+	+	+				+	B50,B13,B47	(3)	
Hahn,Amy B.	44	???	+	+	+	+	+	+	+	+			53	???	+	+	+		+	+					B40,B22,B46>	(4)	
Hamdi,Nuha D	65	100	+	+		+	+	+	+	+			78	100	+	+	+	+	+	+	+	+		+	B39,A31	(3)	
Han,Hoon Dr	42	???	+	+	+	+				+			45	???	+	+	+	+		+				+	B54	(3)	
Hogan,Patric	10	100	+	+									45	100	+	+										(1)	
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+	B73	(3)	
Klein,Tirza	68	100	+	+	+					+	+		72	100	+		+	+	+					+	A66,B13,B60>	(3)	
Lardy,N.M. D	32	100	+	+		+							26	100	+	+									B47	(2)	
Loewenthal M	100	???	+	+	+	+				+	+		88	???	+	+	+	+	+				+	+	B60,B13,A24	(3)	
MacCann,Eile	94	???	+	+	+	+	+			+			94	???	+	+	+	+	+					+	B60,B13,B47	(3)	
Mah,Helen	66	100	+	+	+	+				+			57	100	+	+	+	+		+				+	B60,B72,CX18	(4)	
McAlack-Hana	89	100	+	+	+	+	+	+	+	+			81	100	+	+	+	+	+	+	+			+		(3)	
McCluskey,Ja	20	100	+	+									16	100	+	+										(6)	
Meyer,Pieter	98	???											92	???											A30,A33,A1,CW7>	(3)	
Mpunta,Loy	31	100	+	+	+	+	+	+	+	+			27	100	+	+	+	+	+	+	+	+		+		(3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+			???	???	+	+	+	+	+	+	+			+	B40,B73	(3)	
Pais,Maria L	???	???	+	+	+	+	+			+	+		???	???	+	+	+	+	+	+	+			+	A66,B73	(3)	
Pancoska,Car	60	???	+	+	+	+	+			+	+		55	???	+	+	+	+					+	+	B60,B13	(3)	
Pereira,Noem	???	???	+	+	+	+				+	+	+	???	???	+	+	+	+		+	+			+	B60,B47,B73	(3)	
Permpikul &	13	100		+									17	100	+	+										(1)	
Phelan,Donna	56	???											54	???										+	8C,7C,B46,B73>	(3)	
Ramon,Daniel	96	???	+	+	+	+	+	+	+	+	+		85	???	+	+	+	+	+	+	+	+	+	+		B73	(3)
Rosen-Bronso	98	???	+								+		85	???	+											A1,A11,A25,A26>	()
Sage,Deborah	100	???	+								+		98	???	+											A11,A10,A11,B8>	(3)
Sinnott & Gu	???	???	+	+	+	+	+			+	+	+	???	???	+	+	+	+	+	+	+	+			B60	()	
Suciu-Foca,N	10	13	+	+									20	18	+	+										B13	(1)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+		B73	(3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+		B60	(3)
Watson,Narel	9	100	+	+									12	100	+	+										B47	(1)

*** 45 TYPING LABS ***

B7	87%	0.780
B27	84%	0.987
B42	60%	1.000
B81	60%	1.000
B37	56%	0.968
B48	42%	1.000
B73	42%	1.000
B13	38%	1.000
B67	38%	1.000
B61	36%	0.952
B47	36%	0.895
B55	33%	1.000
B60	27%	1.000
B56	16%	1.000
A32	11%	1.000
A24	9%	1.000
B62	9%	0.800
A23	7%	1.000
B40	7%	1.000
B44	7%	1.000
B54	7%	1.000
A25	4%	1.000
B5	4%	1.000
B35	4%	1.000
B41	4%	1.000
B72	4%	1.000
B75	4%	1.000
B49	4%	0.625

*** 45 TYPING LABS ***

B7	96%	1.000
B27	89%	0.987
B42	64%	0.977
B55	62%	1.000
B81	60%	1.000
B48	47%	1.000
B61	42%	1.000
B67	42%	1.000
B56	33%	1.000
B82	33%	1.000
B60	29%	1.000
B73	27%	1.000
B13	24%	0.947
B47	13%	1.000
A11	11%	1.000
A1	9%	1.000
A66	9%	1.000
A25	7%	1.000
A26	7%	1.000
A36	7%	1.000
A80	7%	1.000
B40	7%	1.000
A34	4%	1.000
A43	4%	1.000
B22	4%	1.000
B41	4%	1.000
B46	4%	1.000
B54	4%	1.000
B37	4%	0.750

Methods:

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

*** 45 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: All

***** SERUM NO. 1049 ***** SERUM NO. 1050 *****

	SERUM NO. 1049				SERUM NO. 1050				METHOD
	% POS	% 8'S	B 2	B 7	% POS	% 8'S	B 2	B 7	
Claas, F.H.J.	33	100	+	+	38	100	+	+	(1)
Esteves Kond	8	100	+	B81	19	100	+	+	(1)
Hogan, Patric	10	100	+	+	45	100	+	+	(1)
Permpikul &	13	100	+		17	100	+	+	(1)
Suciu-Foca, N	10	13	+	+	20	18	+	+	(1)
Watson, Narel	9	100	+	+	12	100	+	+	(1)

***** SERUM NO.1049 ***** SERUM NO.1050 *****

*** 6 TYPING LABS ***

B27	100%	1.000
B7	67%	0.536
B81	17%	1.000
B47	17%	0.333

*** 6 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B81	17%	1.000
B13	17%	0.750

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1049 ***** SERUM NO. 1050 *****

	SERUM NO. 1049						SERUM NO. 1050						METHOD
	% POS	% 8'S	B 7	B 4	B 3	B 2	% POS	% 8'S	B 7	B 4	B 3	B 2	
Askar, Medhat	23	100	+	+	+	+	20	100	+	+	+	+	(2)
Dunn, Paul Dr	33	100	+	+	+	+	16	100	+	+	+	+	(2)
Lardy, N.M. D	32	100	+	+	+	+	26	100	+	+	+	+	(2)

***** SERUM NO.1049 ***** SERUM NO.1050 *****

*** 3 TYPING LABS ***

B27	100%	1.000
B47	100%	1.000
B7	100%	0.917
B37	100%	0.800
B81	33%	1.000

*** 3 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B81	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: NIH-ext

	SERUM NO. 1049										SERUM NO. 1050										METHOD						
	% POS	% 8'S	B 7	B 8	B 2	B 4	B 3	B 7	B 4	B 6	B 6	B 1	% POS	% 8'S	B 7	B 8	B 5	B 2	B 4	B 6		B 6	B 8	B 4	B 7		
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	B55	???	???	+	+	+	+	+	+	+	+	+	A66	(L-3)		
Alvarez & Ca	53	100									+	B49,A24,A23>	40	100	+									A1,A25,A26,A11>	(F-3)		
Askar,Medhat	99	100	+	+	+	+	+	+	+	+	+	B55,B82	96	100	+	+	+	+	+	+	+	+	+		(L-3)		
Cecka,J.Mich	78	100	+	+	+	+	+	+			+	B55	80	100	+	+	+	+	+	+	+	+	+		(L-3)		
Charlton,Ron	100	???	+	+	+	+	+	+			+		100	???	+	+	+	+	+	+	+	+	+		(L-3)		
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	B60	???	???		+	+	+	+	+	+	+	+	B60,A66	(L-3)		
Eckels/CPMC	98	???									+	A23,A24,A32>	98	???										A1,A11,A25,A26	(LF-3)		
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	B55	???	???	+	+	+	+	+	+	+	+	+		(L-3)		
Esteves-Kond	83	100	+	+	+	+	+				+	B47,B55,B56	80	100	+	+	+	+	+					B13,B56,B60	(F-3)		
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	B47,B60	???	???	+	+	+	+	+	+	+	+	+		B56,B60	(L-3)	
Gandhi,Manis	73	???	+	+	+	+	+	+	+	+	+	B55,B60	77	???	+	+	+	+	+	+	+	+	+		(L-3)		
Gautreaux,Mi	92	???	+	+	+	+						B60,B56,B47>	94	???	+	+	+	+							B56,B60,B47	(L-3)	
Gideon,Osna	84	100	+	+	+	+					+	B60,B55,B47>	86	100	+	+	+	+							B56,B50,B13>	(L-3)	
Hahn,Amy B.	61	???	+	+	+	+	+	+	+	+	+		55	???	+	+	+	+	+	+	+	+	+		B60	(L-3)	
Hamdi,Nuha D	65	100	+				+	+	+	+	+	CW1,CX17,B60>	78	100	+	+	+	+	+	+	+	+	+		B56,B39,A31	(L-3)	
Han,Hoon Dr	42	???	+	+	+	+					+	B54,B55	45	???	+	+	+	+	+							B54,B56	(L-3)
Hogan,Patric	45	???	+	+	+	+	+				+	B60,B47,B56>	43	???	+	+	+	+	+							B60,A66,B56	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+			(L-3)	
Klein,Tirza	68	100	+	+							+	B60,B55,B56>	72	100	+	+	+	+	+							A66,B13,B60>	(L-3)
Loewenthal M	100	???	+	+	+	+					+	B60,A24,B56	88	???	+	+	+	+	+							B60,B56,B13>	(L-3)
MacCann,Eile	94	???	+	+	+	+	+				+	B60,B55,B56>	94	???	+	+	+	+	+							B60,B56,B13>	(L-3)
Mah,Helen	???	???					+	+	+	+	+	B55,B82	???	???	+	+	+	+	+	+	+	+	+	+		B13	(L-3)
McAlack-Hana	89	100	+	+	+	+	+	+	+	+	+		81	100	+	+	+	+	+	+	+	+	+	+		(L-3)	
McCluskey,Ja	33	???	+	+	+	+	+				+	B60,B82,B56>	34	???	+	+	+	+	+							6602,B60,B56	(L-3)
Meyer,Pieter	98	???										A1,A68,A26,CW2>	92	???												A30,A33,A1,CW7>	(L-3)
Mpuntsa,Loy	31	100	+	+	+	+	+	+	+	+	+		27	100	+	+	+	+	+							(L-3)	
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	B40	???	???	+	+	+	+	+							B40	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+	+	+	+	B47	???	???	+	+	+	+	+							A66	(L-3)
Pancoska,Car	60	???	+	+	+	+	+				+	B60,B55	55	???	+	+	+	+	+							B60,B13,B56	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	B47,B60	???	???	+	+	+	+	+							B56,B60,B47	(L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	B60,B47,B44	???	???	+	+	+	+	+							A26,A25,B60>	(L-3)
Phelan,Donna	56	???										8C,7C,12C,A9>	54	???												8C,7C,B46,B37>	(L-3)
Ramon,Daniel	96	???	+	+	+	+	+	+	+	+	+		85	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Sage,Deborah	100	???	+								+	A23,A24,A25,B5>	98	???	+											A11,A10,A11,B8>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+		???	???	+	+	+	+	+	+	+	+	+	+		(L-3)	
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	B55	???	???	+	+	+	+	+	+	+	+	+	+		B60	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1049 ***** SERUM NO.1050 *****

*** 37 TYPING LABS ***

B7	86%	1.000
B81	84%	1.000
B27	84%	0.976
B42	78%	1.000
B37	73%	1.000
B48	59%	1.000
B73	59%	1.000
B61	57%	1.000
B67	57%	1.000
B13	49%	1.000
B55	43%	1.000
B60	41%	1.000
B47	30%	1.000
B56	22%	1.000
A24	11%	1.000
A23	8%	1.000
A32	8%	1.000
B35	8%	1.000
B82	8%	1.000
A25	5%	1.000
B5	5%	1.000
B44	5%	1.000
B54	5%	1.000
B62	5%	1.000

*** 37 TYPING LABS ***

B7	86%	1.000
B55	84%	1.000
B81	84%	1.000
B27	84%	0.977
B42	81%	1.000
B61	65%	1.000
B67	65%	1.000
B82	62%	1.000
B48	57%	1.000
B60	41%	1.000
B73	41%	1.000
B56	38%	1.000
B13	30%	1.000
A66	16%	1.000
A11	14%	1.000
A1	11%	1.000
A25	11%	1.000
A26	11%	1.000
B47	11%	1.000
A36	8%	1.000
A80	8%	1.000
A34	5%	1.000
A43	5%	1.000
B54	5%	1.000

*** 37 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1049 ***** SERUM NO. 1050 *****

	SERUM NO. 1049										SERUM NO. 1050										METHOD							
	%	%	B 4	B 2	B 7	B 7	B 7	B 3	B 4	B 1	B 7	B 5	B 4	B 4	%	%	B 7	B 8	B 2	B 7		B 6	B 5	B 5	B 4	B 2	B 1	B 4
Cecka, J. Mich	83	33	+	+	+	+			+			+	+	A32, B38, B39	65	100	+	+	+	+	+	+			+	+	B37, B41	(4)
Eckels/CPMC,	67	???	+	+			+	+				+	+	A32, B22, B40>	60	???	+	+	+	+	+	+	+	+	+	+	B41	(4)
Hahn, Amy B.	44	???	+	+	+	+	+	+	+			+	+	B40, B81	53	???	+	+	+	+				+	+	+	B46, B73, B81	(4)
Mah, Helen	66	100	+	+	+					+	+			B60, B62, B75>	57	100	+	+	+	+	+	+					B60, B61, B72>	(4)
Suciu-Foca, N	23	60	+	+	+	+	+	+							36	48	+	+	+	+				+	+	+		(4)

***** SERUM NO.1049 ***** SERUM NO.1050 *****

*** 5 TYPING LABS ***

B27	100%	1.000
B42	100%	0.929
B7	80%	1.000
B37	80%	0.889
B13	60%	1.000
B48	60%	0.833
A32	40%	1.000
B40	40%	1.000
B41	40%	1.000
B44	40%	1.000
B55	40%	1.000
B73	40%	1.000
B22	20%	1.000
B39	20%	1.000
B47	20%	1.000
B60	20%	1.000
B61	20%	1.000
B72	20%	1.000
B75	20%	1.000
B81	20%	1.000
B38	20%	0.800
B62	20%	0.500

*** 5 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B42	100%	1.000
B48	100%	1.000
B13	60%	1.000
B55	60%	1.000
B56	60%	1.000
B22	60%	0.833
B40	60%	0.800
B41	40%	1.000
B47	40%	1.000
B46	20%	1.000
B60	20%	1.000
B61	20%	1.000
B72	20%	1.000
B73	20%	1.000
B81	20%	1.000
CX18	20%	1.000
B37	20%	0.667

*** 5 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: Antiglobulin

***** SERUM NO. 1049 ***** SERUM NO. 1050 *****

SERUM NO. 1049										SERUM NO. 1050										METHOD	
		B	B	B	B	B	B	B	B			B	B	B	B	B	B	B	B		
%	%	8	6	4	2	1	6	5	4	%	%	8	6	5	5	4	2	1	6		
POS	8'S	1	7	0	8	7	3	7	5	POS	8'S	1	0	6	5	2	7	3	7		
Esteves-Kond	71 100	+	+	+	+	+	+	+	+	71 100	+	+	+	+	+	+	+	+	+	B56	(5)
Hahn, Amy B.	18 ???	+	+	+	+	+	+	+	+	20 ???	+	+	+	+	+	+	+	+	+	B44	(5)
Pancoska, Car	39 0	+	+	+	+	+	+	+	+	21 100	+	+	+	+	+	+	+	+	+	B61	B61, B47 (5)

***** SERUM NO.1049 ***** SERUM NO.1050 *****

*** 3 TYPING LABS ***

B13	100%	1.000
B27	100%	1.000
B48	100%	1.000
B81	100%	1.000
B7	100%	0.833
B60	100%	0.800
B37	67%	1.000
B47	67%	1.000
B55	67%	1.000
B67	67%	1.000
B44	33%	1.000
B56	33%	1.000
B61	33%	0.667

*** 3 TYPING LABS ***

B13	100%	1.000
B27	100%	1.000
B42	100%	1.000
B55	100%	1.000
B56	100%	1.000
B60	100%	1.000
B81	100%	1.000
B7	67%	1.000
B47	67%	1.000
B48	67%	1.000
B67	67%	1.000
B61	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: Elisa

*** 45 TYPING LABS ***

B7	91%	0.983
B42	71%	0.980
B27	71%	0.905
B55	64%	0.930
B61	58%	0.946
B81	58%	0.769
B60	56%	0.932
B48	49%	1.000
B13	38%	1.000
B73	36%	1.000
B67	33%	1.000
B56	29%	1.000
B47	18%	1.000
A24	13%	1.000
B8	11%	1.000
B82	9%	1.000
B39	7%	0.889
B40	7%	0.875
6602	4%	1.000
A29	4%	1.000
B37	4%	1.000
B52	4%	1.000
B54	4%	1.000
B65	4%	1.000
CW6	4%	1.000
A1	4%	0.784

*** 45 TYPING LABS ***

B7	93%	0.959
B27	76%	0.900
B42	69%	0.978
B55	62%	0.971
B81	58%	0.967
B60	44%	1.000
B54	42%	1.000
B48	40%	1.000
B61	40%	1.000
B67	40%	1.000
B56	33%	1.000
B82	33%	1.000
B13	29%	1.000
B40	16%	0.889
B47	11%	1.000
B73	11%	1.000
B22	9%	0.833
B41	7%	1.000
B63	7%	1.000
A24	4%	1.000
A66	4%	1.000
B17	4%	1.000
CX17	4%	1.000
CW7	4%	1.000

Methods:

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

*** 45 LABORATORIES REPLIED ***

Method: All

***** SERUM NO. 1051 ***** SERUM NO. 1052 *****

	SERUM NO. 1051				SERUM NO. 1052				METHOD
	% POS	% 8'S	B 7	B 2 4 4	% POS	% 8'S	B 7	B 2 7	
Claas, F.H.J.	46	80	+	+	29	100	+	+	(1)
Esteves Kond	20	75	+	+	9	100	+	B81	(1)
Hogan, Patric	42	100	+		37	100	+		(1)
Permpikul &	12	75	+	+	10	80	+	+	(1)
Suciu-Foca, N	33	60	+	+	40	33	+	+	(1)
Watson, Narel	9	100	+	+	9	80	+		(1)

***** SERUM NO.1051 ***** SERUM NO.1052 *****

*** 6 TYPING LABS ***

B7	100%	0.957
B27	67%	0.750
B40	33%	0.857
B42	33%	0.800
B47	17%	1.000
B61	17%	0.333

*** 6 TYPING LABS ***

B7	100%	0.979
B27	50%	0.824
B81	17%	1.000
B42	17%	0.750
B22	17%	0.667
B40	17%	0.667

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1051 ***** SERUM NO. 1052 *****

	SERUM NO. 1051				SERUM NO. 1052				METHOD
	% POS	% 8'S	B 7	B 6 1 7	% POS	% 8'S	B 7	B 2 7	
Askar, Medhat	11	100	+		11	100	+	B81	(2)
Dunn, Paul Dr	25	100	+	+	16	100	+	B27	(2)
Lardy, N.M. D	47	100	+	+	13	75	+		(2)

***** SERUM NO.1051 ***** SERUM NO.1052 *****

*** 3 TYPING LABS ***

B7	100%	1.000
B27	67%	1.000
B61	67%	1.000
B48	33%	1.000
B56	33%	1.000
B81	33%	1.000
B60	33%	0.833
B55	33%	0.750

*** 3 TYPING LABS ***

B7	100%	0.833
B27	33%	1.000
B81	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: NIH-ext

	SERUM NO. 1051										SERUM NO. 1052										METHOD						
	% POS	% 8'S	B 4	B 7	B 8	B 2	B 5	B 6	B 6	B 4	B 6	B 7	% POS	% 8'S	B 7	B 2	B 5	B 7	B 1	B 4		B 7	B 2	B 0	B 1		
Al-Attas,Rab	???	???	+	+	+	+			+	+	+	B13,B54,B82	???	???	+	+	+	+		+					B48,B73	(L-3)	
Alvarez & Ca	31	100		+		+	+					A24,A23,B13,B8>	16	100	+		+	+							B13	(F-3)	
Askar,Medhat	94	100	+	+	+	+	+	+		+	+	B54	73	100	+	+	+	+	+	+	+	+	+		B48	(L-3)	
Cecka,J.Mich	76	100	+	+	+	+	+	+		+	+	B82	100	???	+	+	+	+		+	+	+	+		B48	(L-3)	
Charlton,Ron	96	???	+	+	+	+	+			+	+		70	???	+	+	+	+	+	+	+	+				(L-3)	
Dunn,Paul Dr	???	???	+	+	+	+				+	+	B54,B82	???	???	+	+	+	+	+	+	+	+			B48	(L-3)	
Eckels/CPMC	98	???	+			+					+	6602,B13,B37>	88	???	+	+	+	+							6602,B13,B41>	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+		+	+	+			B62,B48	(L-3)	
Esteves-Kond	83	100	+	+	+	+	+	+			+	B13,B56	63	100	+	+	+	+					+	+	B13,B47,B48>	(F-3)	
Fort,Maryliss	???	???	+	+	+	+	+	+			+	B56,B47,B13	???	???	+		+	+	+	+	+				B56,B48	(L-3)	
Gandhi,Manis	78	???	+	+	+	+	+	+		+	+	B82	63	???	+	+	+	+	+	+	+				B48,B73	(L-3)	
Gautreaux,Mi	96	???	+	+	+	+	+	+			+	B56,B47	70	???	+	+	+	+			+	+	+			B56	(L-3)
Gideon,Osna	90	100	+	+	+		+	+	+	+		B13,B56,B47	64	100	+	+	+		+				+	+	B56,B13,B48	(L-3)	
Hahn,Amy B.	49	???	+	+	+	+	+	+		+	+		29	???	+	+	+	+	+	+	+	+				B48	(L-3)
Hamdi,Nuha D	76	100	+					+	+		+	B13,B39,B56,A1>	58	100	+	+	+	+	+			+	+		B13,B56,B39	(L-3)	
Han,Hoon Dr	42	???	+	+	+	+	+				+	B56	42	???	+	+	+	+	+	+	+	+				B56	(L-3)
Hogan,Patric	26	???	+	+	+	+		+	+			CW12,CW8,CW7>	15	???	+	+	+	+	+	+		+	+	+		B56	(L-3)
Holdsworth,R	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+	+	+	+	+				B48	(L-3)
Klein,Tirza	78	100	+	+	+		+	+	+	+	+	B13,B54,B56>	60	100	+	+	+	+	+				+	+	B13,B47,B56	(L-3)	
Loewenthal M	100	???	+	+	+		+	+	+			B56,B13,A24	72	???	+	+	+	+					+	+	B56,B13,A24,A1	(L-3)	
MacCann,Eile	96	???	+	+	+	+	+	+		+	+	B56,B47,B13	76	???	+	+	+	+	+				+	+	B56,B13	(L-3)	
Mah,Helen	???	???	+	+	+	+	+	+		+	+	B39,B82	???	???	+	+	+	+	+	+	+	+				B48	(L-3)
McAlack-Hana	72	100	+	+	+		+	+	+	+	+		57	100	+	+	+	+	+	+	+	+				(L-3)	
McCluskey,Ja	41	???	+	+	+		+	+				CW8,CW12,CW7>	22	???	+	+	+	+	+	+	+	+				B56	(L-3)
Meyer,Pieter	92	???	+									CW7,CW6,CX16>	74	???											CW7,B8,A23,A24	(L-3)	
Mpuntsa,Loy	25	100	+	+	+		+			+	+	B82	28	100	+	+	+	+	+	+	+	+				(L-3)	
Ozawa,Mikki	65	???	+	+	+	+				+	+	B40,B13	???	???	+	+	+	+	+	+	+	+				B40,B48	(L-3)
Pais,Maria L	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+	+	+	+	+				B48	(L-3)
Pancoska,Car	49	???	+	+	+	+	+	+		+	+	B13,B56	31	???	+	+	+	+	+				+	+		B56,B48	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+		+	+	B47,B56	???	???	+	+	+	+	+	+	+	+				B56	(L-3)
Permpikul &	???	???	+	+	+	+		+	+		+	B54,B13,A31	???	???	+	+	+	+	+	+	+	+				B56,CW1,A31>	(L-3)
Phelan,Donna	40	???									+	7C,8C,B37,B82>	28	???							+	+				B17,B63,B73,7C	(L-3)
Ramon,Daniel	78	???	+	+	+	+	+	+		+	+		67	???	+	+	+	+	+	+	+	+				B48	(L-3)
Sage,Deborah	98	???		+								A24,6602,A29>	74	???	+	+	+									6602,B13,B63>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+		+	+	+	+		???	???	+	+	+	+	+	+	+	+				B48	(L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+		+	+		???	???	+	+	+	+	+	+	+	+				B48	(L-3)
Turner,E.V.	???	???	+	+	+	+	+	+		+	+	B13	???	???	+	+	+	+	+	+	+	+				B48	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1051 ***** SERUM NO.1052 *****

*** 37 TYPING LABS ***

B42	92%	1.000
B7	89%	1.000
B81	84%	0.795
B27	78%	1.000
B55	76%	1.000
B60	70%	1.000
B61	65%	1.000
B48	59%	1.000
B67	54%	1.000
B73	51%	1.000
B13	41%	1.000
B56	30%	1.000
B82	24%	1.000
B47	19%	1.000
A24	14%	1.000
B54	14%	1.000
6602	8%	1.000
B39	8%	1.000
CW7	8%	1.000
CW8	8%	1.000
A31	5%	1.000
B8	5%	1.000
B37	5%	1.000
CW12	5%	1.000
CW6	5%	1.000
A1	5%	0.784

*** 37 TYPING LABS ***

B7	89%	1.000
B42	89%	1.000
B27	86%	1.000
B55	86%	1.000
B81	81%	1.000
B54	68%	1.000
B67	62%	1.000
B60	59%	1.000
B82	59%	1.000
B61	57%	1.000
B48	54%	1.000
B56	41%	1.000
B13	27%	1.000
B40	8%	1.000
B47	8%	1.000
B73	8%	1.000
6602	5%	1.000
A24	5%	1.000
B17	5%	1.000
B41	5%	1.000
B63	5%	1.000
CX17	5%	1.000
CW7	5%	1.000

*** 37 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1051 ***** SERUM NO. 1052 *****

	%		B B B B B B B B B B										%		B B B B B B B B B B										METHOD				
	POS	8'S	7	8	2	7	3	8	1	0	5	9	POS	8'S	7	8	2	7	3	6	5	0	2	1					
Cecka, J. Mich	93	100	+	+	+	+	+					+	+	B38, B41, B47	50	67	+	+	+	+	+	+	+	+		+	B47, B60	(4)	
Eckels/CPMC,	97	???												MULTI	63	???	+	+	+	+		+	+	+	+			B41, B47	(4)
Hahn, Amy B.	61	???	+	+	+	+	+	+	+	+	+			B46, B81	40	???	+	+	+	+					+	+	B81	(4)	
Mah, Helen	78	100	+	+	+	+		+	+	+	+	+		B52	53	100	+	+	+	+	+	+	+			+	CX15, B60	(4)	
Suciu-Foca, N	50	64	+	+	+	+	+							B22, B40	41	67	+	+	+	+	+			+	+				(4)

***** SERUM NO.1051 ***** SERUM NO.1052 *****

*** 5 TYPING LABS ***

B7	80%	1.000
B27	80%	1.000
B42	80%	1.000
B48	80%	1.000
B13	60%	0.857
B8	40%	1.000
B55	40%	1.000
B60	40%	1.000
B61	40%	1.000
B39	40%	0.857
B38	20%	1.000
B41	20%	1.000
B46	20%	1.000
B47	20%	1.000
B52	20%	1.000
B81	20%	1.000
MULTI	20%	1.000
B22	20%	0.750
B40	20%	0.750

*** 5 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B42	100%	1.000
B48	100%	1.000
B13	80%	0.900
B56	60%	1.000
B55	60%	0.857
B22	60%	0.833
B40	60%	0.833
B47	40%	1.000
B60	40%	1.000
B61	40%	1.000
B41	20%	1.000
B81	20%	1.000
CX15	20%	1.000

*** 5 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: Antiglobulin

***** SERUM NO. 1051 ***** SERUM NO. 1052 *****

***** SERUM NO. 1051 *****											***** SERUM NO. 1052 *****											METHOD		
%	%	B 8	B 7	B 6	B 4	B 4	B 2	B 1	B 6	B 6	B 5	%	%	B 8	B 7	B 6	B 5	B 5	B 4	B 4	B 2		B 6	B 1
POS	8'S	1	7	0	8	2	7	3	7	1	6	POS	8'S	1	7	0	6	5	8	2	7	7	3	
Esteves-Kond	67	100	+	+	+	+	+	+	+	+	+	58	100	+	+	+	+	+	+	+	+	+	+	(5)
Hahn, Amy B.	24	???	+	+	+	+	+	+	+			19	???	+	+	+	+	+	+	+	+	+		B47 (5)
Pancoska, Car	23	0	+	+	+	+	+	+		+	+	19	???	+	+	+	+	+	+	+	+	+	+	B61 (5)

***** SERUM NO.1051 ***** SERUM NO.1052 *****

*** 3 TYPING LABS ***

B7	100%	1.000
B13	100%	1.000
B27	100%	1.000
B42	100%	1.000
B48	100%	1.000
B60	100%	1.000
B81	100%	1.000
B55	67%	1.000
B56	67%	1.000
B61	67%	1.000
B67	67%	1.000
B47	33%	1.000

*** 3 TYPING LABS ***

B7	100%	1.000
B27	100%	1.000
B42	100%	1.000
B48	100%	1.000
B55	100%	1.000
B56	100%	1.000
B60	100%	1.000
B81	100%	1.000
B13	67%	1.000
B67	67%	1.000
B47	33%	1.000
B61	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: JUN 8 2011 *****

Method: Elisa

INVESTIGATOR		DNA EXTRACT #513 (Caucasian)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*02:01	*03:01	*14:02:01	*44:14	*05:01:01	*08:02:01	RSSO, SBT, SSP
4691	Ajlan, Abdula	*02	*03	*14	*44	*05	*08	SSO
5133	Baker, Judy	*02	*03	*14(B65)	*44	*05	*08	
4345	Blasczyk, Rai	*02:01:01G	*03:01:01G	*14:02:01	*44:14	*05:01P	*08:02:01	PCR-SBT
785	Chan, Soh Ha	*02	*03	*14:02	*44:14	*05:01/03	*08:02	SBT
3224	Chen, Dongfen	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	SBT, SSO
8021	Clark, Brenda	*020101-0104/0106-0115+	*0301-04/07+	*1402-04/09	*4405/14/42/58N	*0501/03-07+	*0802/04+	
5219	Daniel, Dolly	*02	*03	*14	*44			PCR-SSOP
5891	Du, Keming	*02:01/24	*03:01/07	*14:02	*44:14	*05:01	*08:02	
3766	Dunn, Paul	*02	*03	*14	*44:05/14/51/88+	*05	*08	SSO
2332	Elkhalifa, Mo	*02	*03	*14	*44	*05	*08	SSP
4251	Ellis, Thomas	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	PCR-RSSO, SBT
3135	Enczmann, J.	*02:01/01L	*03:01	*14:02	*44:14	*05:01	*08:02	PCR-SSO, SBT
762	Fischer&Mayr	*02:01/01L/09/43N/66+	*03:01/01N/20/21N/26+	*14:02	*44:14	*05:01/03/37	*08:02	RSSO, SSP, SBT
234	Gomez, Carmen	*02	*03	*14	*44	*05	*08	SSP
5195	Gomez, Carmen	*02	*03	*14	*44	*05	*08	SSOP
1694	Gottwald&Hes	*02	*03	*14	*44	*05	*08	SSP
1461	Hidajat, Mela	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	SBT
615	Holdsworth, R	*02:01:01G	*03:01:01G	*14:02	*44:14	*05:01:01G	*08:02	
745	Holman, Richa	*02:01	*03:01	*14:02:01	*44:14	*05:01:01	*08:02:01	SSO, SSP, SBT
2344	Hurley&Hartz	*02:01:01:01/01:01:02L+	*03:01:01:01-01:01:03+	*14:02:01	*44:14	*05:01:01:01+	*08:02:01	SBT
797	Kato, Shunich	*02:01/01L	*03:01/01N	*14:02	*44:14	*05:01	*08:02	SSO, SBT
2847	Kihara, Masaa	*02	*03	*14	*44	*05	*08	RVSSO
5096	Koh, Eun-mi	*02	*03	*14	*44			SSOP
87	Land, Geoff	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	SBT, SSP, SSO
278	Lee, Jar-How	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	SSP, RVSSOP
640	Lee, Kyung Wh	*02:01/24/26/37	*03:01/17/07/05	*14:02	*44:14	*05:01	*08:02	PCR-SBT
1108	Linke, Robert	*02	*03	*14	*44	*05	*08	RVSSOP
9916	McIntyre, Joh	*02:01	*03:01	*14:02:01	*44:14	*05:01/28/30+	*08:02/17+	SBT, SSP
8042	Muncher, Lior	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	SSOP, SSP
9001	Muncher_LR	*02	*03	*14	*44	*05	*08	SSOP, SSP
3648	Pereira, Noem	*02:01/01L	*03:01	*14:02	*44:14	*05:01	*08:02	RSSO, SBT, SSP
3966	Permpikul&Ve	*02	*03	*14	*44	*05	*08	PCR-SSP
2400	Phelan, Donna	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	RSSO, SBT, SSP
735	Ramon, Daniel	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	
3753	Reed, Elaine	*02:01/24/26/34/35/90+	*03:01/05/07-09/17/23+	*14:02	*44:14	*05:01	*08:02	SBT
3798	Reinsmoen, N	*02:01:01/01L	*03:01:01/01N	*14:02:01	*44:14	*05:01:01	*08:02:01	PCR-SSO, SBT
4948	Sage, Deborah	*02:01/24/237/245	*03:01/05/17	*14:02	*44:14	*05:01	*08:02	
3545	Scornik, Juan	*02:01	*03:01/01N	*14:02	*44:14	*05:01	*08:02	SSOP, SBT
2020	Sutton, Maggi	*02:01:01	*03:01:01:01	*14:02:01	*44:14	*05:01:01	*08:02:01	PCR-SSP, SBT
13	Tagliere, Jac	*02:01	*03:01	*14:02	*44:14	*05:01	*08:02	
4021	Trachtenberg	*02	*03	*14	*44	*05	*08	SSO, SSP
5462	Turner, E.V.	*02:01	*03:01	*14:02:01	*44:14	*05:01:01	*08:02:01	SEQ, SSO, SSP

INVESTIGATOR		DNA EXTRACT #514 (Chinese)							method
CTR	NAME	A1	A2	B1	B2	C1	C2		
5488	Adams, Sharon	*02:53N	*11:01:01	*37:01:01	*58:01:01	*03:02	*06:02:01	RSSO, SBT, SSP	
4691	Ajlan, Abdula	*02	*11	*37	*58	*03	*06	SSO	
5133	Baker, Judy	*02	*11	*37	*58	*03	*06		
4345	Blasczyk, Rai	*02:53N	*11:01:01G	*37:01:01	*58:01P	*03:02P	*06:02P	PCR-SBT	
785	Chan, Soh Ha	*02	*11	*37:01	*58:01/11	*03:02	*06:02	SBT	
3224	Chen, Dongfen	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	SBT, SSO	
8021	Clark, Brenda	*020101-0104+	*1101/02/05-07+	*3701/03N-05+	*580101/04/05+	*0302/0401-0406/05+	*0602/03/07+		
5219	Daniel, Dolly	*02	*11	*37	*58			PCR-SSOP	
5891	Du, Keming	*02:53N	*11:01	*37:01	*58:01	*03:02/60	*06:02/30		
3766	Dunn, Paul	*02	*11	*37	*58	*03	*06	SSO	
2332	Elkhalifa, Mo	*02	*11	*37	*58	*03	*06	SSP	
4251	Ellis, Thomas	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	PCR-RSSO, SBT	
3135	Enczmann, J.	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	PCR-SSO, SBT	
762	Fischer&Mayr	*02:53N	*11:01/21N	*37:01/23	*58:01/11/30	*03:02	*06:02	RSSO, SSP, SBT	
234	Gomez, Carmen	*02	*11	*37	*58	*03	*06	SSP	
5195	Gomez, Carmen	*02	*11	*37	*58	*03	*06	SSOP	
1694	Gottwald&Hes	*02	*11	*37	*58	*03	*06	SSP	
1461	Hidajat, Mela	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	SBT	
615	Holdsworth, R	*02:53N	*11:01:01G	*37:01:01G	*58:01:01G	*03:02:01G	*06:02:01G		
745	Holman, Richa	*02:53N	*11:01:01	*37:01:01	*58:01:01	*03:02:02	*06:02:01	SSO, SSP, SBT	
2344	Hurley&Hartz	*02:53N	*11:01:01/21N/69N	*37:01:01/23	*58:01:01/01:04+	*03:02:01/02:02:01+	*06:02:01:01+	SBT	
797	Kato, Shunich	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	SSO, SBT	
2847	Kihara, Masaa	*02:53N	*11	*37	*58	*03	*06	RVSSO	
5096	Koh, Eun-mi	*02	*11	*37	*58			SSOP	
87	Land, Geoff	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	SBT, SSP, SSO	
278	Lee, Jar-How	*02:53N	*11:01/21N/30/32+	*37:01/15/17/18+	*58:01/24/30/31N	*03:02/108/84	*06:02/38/42+	SSP, RVSSOP	
640	Lee, Kyung Wh	*02:53N	*11:01	*37:01	*58:01	*03:02/60	*06:02/30	PCR-SBT	
1108	Linke, Robert	*02	*11	*37	*58	*03	*06	RVSSOP	
9916	McIntyre, Joh	*02:53N	*11:01:01	*37:01:01	*58:01:01	*03:02/84	*06:02/38/39+	SBT, SSP	
8042	Muncher, Lior	*02:192	*11:01	*37:01	*58:01	*03:02	*06:02	SSOP, SSP	
9001	Muncher_LR	*02	*11	*37	*58	*03	*06	SSOP, SSP	
3648	Pereira, Noem	*02:53N	*11:01	*37:01	*58:01	*03:02// *03:60	*06:02// *06:30	RSSO, SBT, SSP	
3966	Permpikul&Ve	*02	*11	*37	*58	*03	*06	PCR-SSP	
2400	Phelan, Donna	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	RSSO, SBT, SSP	
735	Ramon, Daniel	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02		
3753	Reed, Elaine	*02:53N	*11:01	*37:01	*58:01	*03:02/60	*06:02/30	SBT	
3798	Reinsmoen, N	*02:53N	*11:01:01	*37:01:01	*58:01:01	*03:02	*06:02:01	PCR-SSO, SBT	
4948	Sage, Deborah	*02:53N	*11:01	*37:01	*58:01	*03:02/60	*06:02/30		
3545	Scornik, Juan	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02	SSOP, SBT	
2020	Sutton, Maggi	*02:53N	*11:01:01	*37:01:01	*58:01:01	*03:02:01/02	*06:02:01	PCR-SSP, SBT	
13	Tagliere, Jac	*02:53N	*11:01	*37:01	*58:01	*03:02	*06:02		
4021	Trachtenberg	*02	*11	*37	*58	*03	*06	SSO, SSP	
5462	Turner, E. V.	*02:53N	*11:01:01	*37:01:01	*58:01:01	*03:02	*06:02	SEQ, SSO, SSP	

INVESTIGATOR		DNA EXTRACT #515							
CTR	NAME	A1	A2	B1	B2	C1	C2	method	
5488	Adams, Sharon	*01:01:01	*68:02:01	*44:02:01/19N	*44:05:01	*01:02:01/14	*02:02:02/17	RSSO, SBT, SSP	
4691	Ajlan, Abdula	*01	*68	*44	*44	*01	*02	SSO	
5133	Baker, Judy	*01	*68	*44		*01	*02		
4345	Blasczyk, Rai	*01:01:01G	*68:02P	*44:02:01G	*44:05:01	*01:02P	*02:02P	PCR-SBT	
785	Chan, Soh Ha	*01:01/04N/17+	*68:02/31	*44:02/19N/27/66	*44:05	*01:02/09/11/14+	*02:02/27/29+	SBT	
3224	Chen, Dongfen	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02	SBT, SSO	
8021	Clark, Brenda	*0101/04N/06+	*6801/02/06+	*4402-05/07/10+		*0102/03/06-11+	*0202/04-15+		
5219	Daniel, Dolly	*01	*68	*44	*44			PCR-SSOP	
5891	Du, Keming	*01:01/17	*68:02/31	*44:05/02	*44:19/05	*01:02/09/10/14+	*02:02/32/43+		
3766	Dunn, Paul	*01	*68	*44		*01	*02	SSO	
2332	Elkhalifa, Mo	*01	*68	*44		*01	*02	SSP	
4251	Ellis, Thomas	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02	PCR-RSSO, SBT	
3135	Enczmann, J.	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02	PCR-SSO, SBT	
762	Fischer&Mayr	*01:01/04N/22N+	*68:02	*44:02/02S/19N/27/66	*44:05	*01:02/25	*02:02/29	RSSO, SSP, SBT	
234	Gomez, Carmen	*01	*68	*44		*01	*02	SSP	
5195	Gomez, Carmen	*01	*68	*44	*44	*01	*02	SSOP	
1694	Gottwald&Hes	*01	*68	*44		*01	*02	SSP	
1461	Hidajat, Mela	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02	SBT	
615	Holdsworth, R	*01:01:01G	*68:02:01G	*44:02:01G	*44:05	*01:02:01G	*02:02:02G		
745	Holman, Richa	*01:01:01:01	*68:02:01	*44:02:01	*44:05:01	*01:02:01	*02:02:02	SSO, SSP, SBT	
2344	Hurley&Hartz	*01:01:01:01+	*68:02:01:01+	*44:02:01:01/02:01:02S+	*44:05:01	*01:02:01/02:02+	*02:02:02/29	SBT	
797	Kato, Shunich	*01:01/01N	*68:02	*44:02/02S	*44:05	*01:02	*02:02	SSO, SBT	
2847	Kihara, Masaa	*01	*68	*44		*01	*02	RVSSO	
5096	Koh, Eun-mi	*01	*68	*44	*44			SSOP	
87	Land, Geoff	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02	SBT, SSP, SSO	
278	Lee, Jar-How	*01:01/01N/36+	*68:02/49N/60+	*44:02/02S/66/68/71/72+	*44:05/58N/70+	*01:02/25/40-42+	*02:02/29/39+	SSP, RVSSOP	
640	Lee, Kyung Wh	*01:01/17	*68:02/31	*44:02	*44:05	*01:02	*02:02	PCR-SBT	
1108	Linke, Robert	*01	*68	*44	*44	*01	*02	RVSSOP	
9916	McIntyre, Joh	*01:01:01:01	*68:02:01	*44:02:01:01	*44:05:01	*01:02/38-40	*02:02/37/38N+	SBT, SSP	
8042	Muncher, Lior	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02	SSOP, SSP	
9001	Muncher_LR	*01	*68	*44		*01	*02	SSOP, SSP	
3648	Pereira, Noem	*01:01	*68:02	*44:02/02S/19N	*44:05	*01:02//*01:09	*02:02//*02:32	RSSO, SBT, SSP	
3966	Permpikul&Ve	*01	*68	*44	*44	*01	*02	PCR-SSP	
2400	Phelan, Donna	*01:01/01N	*68:02	*44:02/19N	*44:05	*01:02	*02:02	RSSO, SBT, SSP	
735	Ramon, Daniel	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02		
3753	Reed, Elaine	*01:01/17	*68:02/31	*44:02/19N	*44:05	*01:02/09/10/14	*02:02/27/32+	SBT	
3798	Reinsmoen, N	*01:01:01/01N	*68:02:01	*44:02:01/02:01S/19N	*44:05:01	*01:02	*02:02:02	PCR-SSO, SBT	
4948	Sage, Deborah	*01:01/32	*68:02	*44:02	*44:05	*01:02/10/14/31	*02:02/27/38N+		
3545	Scornik, Juan	*01:01/01N	*68:02	*44:02/19N	*44:05	*01:02	*02:02	SSOP, SBT	
2020	Sutton, Maggi	*01:01:01:01	*68:02:01	*44:02:01:01	*44:05:01	*01:02:01/11	*02:02:02	PCR-SSP, SBT	
13	Tagliere, Jac	*01:01	*68:02	*44:02	*44:05	*01:02	*02:02		
4021	Trachtenberg	*01	*68	*44	*44	*01	*02	SSO, SSP	
5462	Turner, E.V.	*01:01:01	*68:02:01	*44:02	*44:05	*01:02	*02:02	SEQ, SSO, SSP	

INVESTIGATOR		DNA EXTRACT #516 (Asian Indian)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*03:01:01	*31:01:02	*15	*35	*04:01:01/09N/30	*07:04:01/11	RSSO, SBT, SSP
4691	Ajlan, Abdula	*03	*31	*15	*35	*04	*07	SSO
5133	Baker, Judy	*03	*31	*15(B71)	*35	*04	*07	
4345	Blasczyk, Rai	*03:01:01G	*31:01:02G	*15:18:01	*35:03P	*04:01:01G	*07:04P	PCR-SBT
785	Chan, Soh Ha	*03:01/20/21N/26/37/45	*31:01/14N/23	*15:18/29/133	*35:01/03/40N/42+	*04:01/28/30/41	*07:04/11	SBT
3224	Chen, Dongfen	*03:01	*31:01	*15:18	*35:03	*04:01/09N/30/82	*07:04/11	SBT, SSO
8021	Clark, Brenda	*0301-04/07+	*3101/02/05+	*1518/23/51+	*3501-0401/06+	*040101-0104+	*0704/11/12+	
5219	Daniel, Dolly	*03	*31	*15	*35			PCR-SSOP
5891	Du, Keming	*03:01/103	*31:01/06	*15:18/29	*35:03/85	*04:01/09N/30	*07:04/11	
3766	Dunn, Paul	*03	*31	*15:18/29/72+	*35	*04	*0704/11/63/142	SSO
2332	Elkhalifa, Mo	*03	*31	*15	*35	*04	*07	SSP
4251	Ellis, Thomas	*03:01	*31:01	*15:18	*35:03	*04:01P	*07:04	PCR-RSSO, SBT
3135	Enczmann, J.	*03:01	*31:01	*15:18	*35:03	*04:01/09N/30	*07:04	PCR-SSO, SBT
762	Fischer&Mayr	*03:01/01N/20/21N/26+	*31:01/14N/23	*15:18/198	*35:03/70	*04:01/09N/28/30+	*07:04/11	SSO, SSP, SBT
234	Gomez, Carmen	*03	*31	*15	*35	*04	*07	SSP
5195	Gomez, Carmen	*03	*31	*15:197	*35	*04	*07	SSOP
1694	Gottwald&Hes	*03	*31	*15	*35	*04	*07	SSP
1461	Hidajat, Mela	*03:01	*31:01	*15:18	*35:03	*04:01	*07:04	SBT
615	Holdsworth, R	*03:01:01G	*31:01:02G	*15:18:01G	*35:03:01G	*04:01:01G	*07:04:01G	
745	Holman, Richa	*03:01	*31:01	*15:18:01	*35:03:01	*04:01/82	*07:04:01	SSO, SSP, SBT
2344	Hurley&Hartz	*03:01:01:01-01:01:03+	*31:01:02/14N+	*15:18:01/198	*35:03:01/70	*04:01:01:01+	*07:04:01/11	SBT
797	Kato, Shunich	*03:01/01N	*31:01	*15:18/29/133	*35:01/03/42+	*04:01/09N/30	*07:04?11	SSO, SBT
2847	Kihara, Masaa	*03	*31	*15	*35	*04	*07	RVSSO
5096	Koh, Eun-mi	*03	*31	*15	*35			SSOP
87	Land, Geoff	*03:01	*31:01	*15:18	*35:03	*04:01	*07:04	SBT, SSP, SSO
278	Lee, Jar-How	*03:01/37/38/45/48/58+	*31:01/26/32+	*15:18/80/197+	*35:03/55/70/98+	*04:01/57/62/63+	*07:04	SSP, RVSSOP
640	Lee, Kyung Wh	*03:01/103	*31:01/06	*15:18	*35:03	*04:01	*07:04	PCR-SBT
1108	Linke, Robert	*03	*31	*15	*35	*04	*07	RVSSOP
9916	McIntyre, Joh	*03:01:01:01	*31:01:02	*15:18:01	*35:03:01	*04:01/56/57/59Q+	*07:04/142	SBT, SSP
8042	Muncher, Lior	*03:01	*31:01	*15:18	*35:03	*04:01	*07:04	SSOP, SSP
9001	Muncher_LR	*03	*31	*15	*35	*04	*07	SSOP, SSP
3648	Pereira, Noem	*03:01	*31:01	*15:18	*35:03	*04:01P	*07:04P	RSSO, SBT, SSP
3966	Permpikul&Ve	*03	*31	*1518	*35	*04	*07	PCR-SSP
2400	Phelan, Donna	*03:01/01N	*31:01	*15:18	*35:03	*04:01/09N/30	*07:04/11	RSSO, SBT, SSP
735	Ramon, Daniel	*03:01	*31:01	*15:18	*35:03	*04:01/09N/30	*07:04/11	
3753	Reed, Elaine	*03:01/103	*31:01/06	*15:18/29/133	*35:01/03/42/57+	*04:01/09N/30	*07:04/11	SBT
3798	Reinsmoen, N	*03:01:01/01N	*31:01:02	*15:18:01	*35:03:01	*04:01:01/09N/30+	*07:04:01/11	PCR-SSO, SBT
4948	Sage, Deborah	*03:01/103	*31:01/06	*15:18/29/133	*35:01/03/57/85	*04:01/30/40	*07:04/11	
3545	Scornik, Juan	*03:01/01N	*31:01	*15:18/29/133	*35:03/85/01	*04:01/09N/30	*07:04/11	SSOP, SBT
2020	Sutton, Maggi	*03:01:01:01	*31:01:02	*15:18:01	*35:03:01	*04:01:01	*07:04:01/11	PCR-SSP, SBT
13	Tagliere, Jac	*03:01	*31:01	*15:18	*35:03	*04:01	*07:04	
4021	Trachtenberg	*03	*31	*15	*35	*04	*07	SSO, SSP
5462	Turner, E.V.	*03:01:01	*31:01:02	*15:18:01	*35:03:01	*04:01:01	*07:04:01	SEQ, SSO, SSP

SUMMARY

Extract 513 (Caucasian)
43 labs
 A*02 56%
 A*02:01 39%
 A*02:01:01 5%
 A*02 100% TOTAL

 A*03 56%
 A*03:01 40%
 A*03:01:01 2%
 A*03:01:01:01 2%
 A*03 100% TOTAL

Extract 514 (Chinese)
43 labs
 A*02 35%
 A*02:53N 63%
 A*02:192 2%
 A*02 100% TOTAL

 A*11 49%
 A*11:01 37%
 A*11:01:01 14%
 A*11 100% TOTAL

Extract 515
43 labs
 A*01 58%
 A*01:01 28%
 A*01:01:01 7%
 A*01:01:01:01 7%
 A*01 100% TOTAL

 A*68 37%
 A*68:02/31 9%
 A*68:02 35%
 A*68:02:01 19%
 A*68 100% TOTAL

Extract 516 (Asian Indian)
43 labs
 A*03 49%
 A*03:01/103 9%
 A*03:01 30%
 A*03:01:01 7%
 A*03:01:01:01 5%
 A*03 100% TOTAL

 A*31 49%
 A*31:01/06 9%
 A*31:01 30%
 A*31:01:02 12%
 A*31 100% TOTAL

43 labs
 B*14 35%
 B*14:02 46%
 B*14:02:01 19%
 B*14 100% TOTAL

 B*44 35%
 B*44:14 65%
 B*44 100% TOTAL

43 labs
 B*37 44%
 B*37:01 40%
 B*37:01:01 16%
 B*37 100% TOTAL

 B*58 49%
 B*58:01 37%
 B*58:01:01 14%
 B*58 100% TOTAL

43 labs
 B*44 51%
 B*44:02/19N 12%
 B*44:02:01/19N 2%
 B*44:02 28%
 B*44:02:01 2%
 B*44:02:01:01 5%
 B*44 100% TOTAL

 B*44 40%
 B*44:05 44%
 B*44:05:01 16%
 B*44 100% TOTAL

43 labs
 B*15 44%
 B*15:18/29/133 12%
 B*15:18/29 2%
 B*15:18 26%
 B*1518 2%
 B*15:18:01 14%
 B*15 100% TOTAL

 B*35 63%
 B*35:03 25%
 B*35:03:01 12%
 B*35 100% TOTAL

41 labs
 C*05 44%
 C*05:01 42%
 C*05:01P 2%
 C*05:01:01 12%
 C*05 100% TOTAL

 C*08 34%
 C*08:02 49%
 C*08:02:01 17%
 C*08 100% TOTAL

41 labs
 C*03 41%
 C*03:02/60 7%
 C*03:02:01G 3%
 C*03:02 46%
 C*03:02:02 3%
 C*03 100% TOTAL

 C*06 46%
 C*06:02/30 10%
 C*06:02 34%
 C*06:02:01 10%
 C*06 100% TOTAL

41 labs
 C*01 63%
 C*01:02 34%
 C*01:02:01 3%
 C*01 100% TOTAL

 C*02 61%
 C*02:02 32%
 C*02:02:02 7%
 C*02 100% TOTAL

41 labs
 C*04 63%
 C*04:01/09N/30 17%
 C*04:01:01/09N/30 3%
 C*04:01 12%
 C*04:01:01 5%
 C*04 TOTAL

 C*07 34%
 C*07:04/11 29%
 C*07:04:01/11 12%
 C*07:04 20%
 C*07:04:01 5%
 C*07 100% TOTAL

INVESTIGATOR		CELL NO.1425 (Hispanic)							
CTR	NAME	A1	A2	B1	B2	C1	C2		method
8070	Ahn, Jaeie	*11	*24	*40:10	*48	*04	*08		PCR-SSP
16	Askar, Medhat	*11:01// *11:19+	*24:02// *24:07+	*40:10:01	*48:01:01	*04:03	*08:01:01/22		PCR-RSSOP, SBT
774	Cecka, J.Mich	*11	*24	*40:10	*48	*04:03	*08		SSP
5232	Charlton, Ron	*11:01	*24:02	*40:10	*48:13	*04:03	*08:01		SSP, RVSSO
4492	Charron, D.	NT							
4492	Charron_LR	*11	*24	*40	*48	*04:03	*08		PCR-SSO
798	Claas, F.H.J.	*11:01:01	*24:02:01	*40:10:01	*48:01:01	*04:03	*08:01:01		SBT, SSP
3632	Colombe, Beth	*1101	*2402	*4010	*4801	*0403	*0801		SSOP, SSP
5130	Costeas, Paul	*11:01/46	*24:02	*40:10	*48:01	*04:03	*08:01		SSO, SSP
779	Daniel, Claud	*11	*24	*40:10	*48	*04	*08		
8052	Del Pozo, Ana	*11	*24	*4010	*48	*0403	*0801/08		PCR-SSOP
3766	Dunn, Paul	*11	*24	*40:10	*48	*04:03	*08		SSO, SSP
5214	Eckels/CPMC	*11	*24	*4010	*48	*0403	*08		SSOP
4251	Ellis, Thomas	*11:01	*24:02P	*40:10	*48:01	*04:03	*08:01		PCR-RVSSO, SBT
762	Fischer&Mayr	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01/22		SBTex1-4
792	Gandhi, Manis	*11:01	*24:02	*40:10	*48:01/09	*04:03	*08:01		SSO, SSP
8043	Gideon, Osna	*11	*24	*40	*48	*04	*08		SSOP, SSP
810	Hamdi, Nuha	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		SSO
4269	Hanau, Daniel	*11:01	*24:02/02L	*40:10	*48:01	*04:03	*08:01		SBT
3808	Hogan, Patric	*11	*24	*40:10/45/72/85+	*48	*04	*08		SSP
745	Holman, Richa	*11:01	*24:02	*40:10:01	*48:01:01	*04:03	*08:01:01		SSO, SSP, SBT
771	Israel, Shosh	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		SBT, SSP
9003	Israel_LR	*11	*24	*40	*48	*04	*08		SSOP
859	Kamoun, Malek	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		SBT, SSP, SSO
4337	Kim, Tai-Gyu	*11:01/21N	*24:02/69N/11N+	*40:10	*48:01/09	*04:03	*08:01/20/22+		SBT
168	Klein, Tirza	*11:01	*24:02	*40:10	*48:03	*04:03	*08:01		PCR-SSP, SSO
9000	Klein_LR	*11	*24	*40	*48	*04	*08		PCR-SSO, SSP
278	Lee, Jar-How	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		SSP, RVSSOP
6649	Lim, Young Ae	*11	*24	*40(B60)	*48	*04	*08		SSP
759	Lopez-Cepero	*11:01-03/05/07+	*24:02/05/07/09N+	*40:10	*48:01/09-12+	*04:03	*08:01/08/20+		RVSSO
23	Mah, Helen	*11:01	*24:02	*40:10	*48:01/09	*04:03	*08:01		SSO
8029	Mani, Rama	*11	*24	*40	*48				PCR-SSP
206	McAlack-Hana	*11	*24	*40:10	*48	*04:03	*08		RVSSOP
3582	McCluskey, Ja	*11	*24	*4010	*48				SSO
8001	Rao, Prakash	*11	*24	*40:10	*48	*04	*08		RVSSOP, SSP
3625	Rees, Tracey	NT							
5200	Reinke, Denni	*11	*24	*40(B60)	*48	*04	*08		SSP
1160	Rosen-Bronso	*11	*24	*40:10	*48	*04:03	*08		RVSSO.SSP
793	Rubocki, Ron	*11	*24	*40(B60)	*40	*04	*08		SSP
3519	Semana, Gilbe	*11:01	*24:02	*40:10	*48:01	*04:03	*08:01		SBT
769	Tavoularis, S	*11:01	*24:02	*40:10:01	*48:01:01	*04:03	*08:01		SSO, SBT, SSP
747	Tiercy, Jean-	*11:01	*24:02	*40:10	*48:01:01G	*04:03	*08:01		
5451	Tilanus, Marc	*11:01:01	*24:02:01	*40:10:01	*48:01:01	*04:03	*08:01:01		SBT
5462	Turner, E.V.	*11:01:01	*24:02:01/40	*40:10:01	*48:01:01	*04:03	*08:01:01		SEQ, SSO, SSP
5642	Varnavidou-N	*11	*24	*40	*40	*04	*08		PCR-SSP
3186	Watson, Narel	*11	*24	*40	*48	*04	*08		SSP, SSO

INVESTIGATOR		CELL NO.1426 (Filipino/Hispanic)							
CTR	NAME	A1	A2	B1	B2	C1	C2	method	
8070	Ahn, Jaeie	*02	*24	*38	*38	*07	*12	PCR-SSP	
16	Askar, Medhat	*02:01:01	*24:07	*38:01:01	*38:02:01	*07:02/50//*07:51	*12:03//*12:28	PCR-RSSOP, SBT	
774	Cecka, J.Mich	*02	*24	*38		*07	*12	SSP	
5232	Charlton, Ron	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SSP, RVSSO	
4492	Charron, D.	NT							
4492	Charron_LR	*02	*24	*38	*38	*07	*12	PCR-SSO	
798	Claas, F.H.J.	*02:01:01	*24:07	*38:01:01	*38:02:01	*07:02:01	*12:03:01	SBT, SSP	
3632	Colombe, Beth	*0201	*2407	*3801	*3802	*0702	*1203	SSOP, SSP	
5130	Costeas, Paul	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SSO, SSP	
779	Daniel, Claud	*02	*24	*38		*07	*12		
8052	Del Pozo, Ana	*02	*24	*38	*3802/08/15	*07	*12	PCR-SSOP	
3766	Dunn, Paul	*02	*24	*38:01+	*38:02/08/15/18+	*07	*12	SSO, SSP	
5214	Eckels/CPMC	*02	*24	*38	*38	*07	*12	SSOP	
4251	Ellis, Thomas	*02:01	*24:07	*38:01	*38:02	*07:02:01G	*12:03	PCR-RVSSO, SBT	
762	Fischer&Mayr	*02:01/01L	*24:07	*38:01	*38:02	*07:02/50	*12:03	SBTex1-4	
792	Gandhi, Manis	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SSO, SSP	
8043	Gideon, Osna	*02	*24	*38		*07	*12	SSOP, SSP	
810	Hamdi, Nuha	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SSO	
4269	Hanau, Daniel	*02	*24	*38		*07	*12	PCR-SSP	
3808	Hogan, Patric	*02	*24:07/19/108+	*38		*07	*12	SSP	
745	Holman, Richa	*02:01:01	*24:07	*38:01:01	*38:02:01	*07:02	*12:03	SSO, SSP, SBT	
771	Israel, Shosh	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SBT, SSP	
9003	Israel_LR	*02	*24	*38		*07	*12	SSOP	
859	Kamoun, Malek	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SBT, SSP, SSO	
4337	Kim, Tai-Gyu	*02:01/69/43N/66+	*24:07	*38:01	*38:02/18	*07:02/50/66/74	*12:03/23	SBT	
168	Klein, Tirza	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	PCR-SSP, SSO	
9000	Klein_LR	*02	*24	*38		*07	*12	PCR-SSO, SSP	
278	Lee, Jar-How	*02:01/07/121/132+	*24:07/112	*38:01/20/21/24+	*38:02/15/18	*07:02/100/105+	*1203/23/134+	SSP, RVSSOP	
6649	Lim, Young Ae	*02	*24	*38		*07	*12	SSP	
759	Lopez-Cepero	*02:01/07/09/15N+	*24:07/30/34	*38:01/09/12-14+	*38:02/08/15/18	*07:02/13/29/32N+	*12:03/06/07+	RVSSO	
23	Mah, Helen	*02:01/09/66	*24:07	*38:01/14/20/21	*38:02/15/18	*07:02	*12:03	SSO	
8029	Mani, Rama	*02	*24	*38				PCR-SSP	
206	McAlack-Hana	*02	*24	*38	*38	*07	*12	RVSSOP	
3582	McCluskey, Ja	*02	*24	*38	*38			SSO	
8001	Rao, Prakash	*02	*24	*38		*07	*12	RVSSOP, SSP	
3625	Rees, Tracey	*02:01	*24	*38:01	*38:02/18	*07:02/50	*12:03/23	PCR-SSP, SBT	
5200	Reinke, Denni	*02	*24	*38		*07	*12	SSP	
1160	Rosen-Bronso	*02	*24	*38		*07	*12	RVSSO, SSP	
793	Rubocki, Ron	*02	*24	*38		*07	*12	SSP	
3519	Semana, Gilbe	*02:01	*24:07	*38:01	*38:02	*07:02	*12:03	SBT	
769	Tavoularis, S	*02:01	*24:07	*38:01:01	*38:02:01	*07:02	*12:03	SSO, SBT, SSP	
747	Tiercy, Jean-	*02:01	*24:07	*38:01:01	*38:02:01	*07:02:01G	*12:03:01G		
5451	Tilanus, Marc	*02:01:01	*24:07	*38:01:01	*38:02:01	*07:02:01	*12:03:01	SBT	
5462	Turner, E.V.	*02:01:01	*24:07	*38:01:01	*38:02:01	*07:02:01	*12:03:01	SEQ, SSO, SSP	
5642	Varnavidou-N	*02	*24	*38		*07	*12	PCR-SSP	
3186	Watson, Narel	*02	*24	*38		*07	*12	SSP, SSO	

CTR	NAME	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie	*24	*24	*38	*51	*07	*12	PCR-SSP
16	Askar, Medhat	*24:07	*24:33	*38:02:01	*51:06:01	*07:02:01/50//+	*12:04:02//+	PCR-RSSOP, SBT
774	Cecka, J. Mich	*24		*38	*51:04/06/35/46+	*07	*15	SSP
5232	Charlton, Ron	*24:07	*24:33	*38:02	*51:06	*07:02	*12:04	SSP, RVSSO
4492	Charron, D.	*24:07/112/131	*24:03/33/125	*38:02/23	*51:06	*07:02/66/100-160	*12:04	PCR-SSP
4492	Charron_LR	*24		*38	*51	*07	*12	PCR-SSO
798	Claas, F. H. J.	*24:07	*24:33	*38:02:01	*51:06	*07:02:01	*12:04:02	SBT, SSP
3632	Colombe, Beth	*2407	*2433	*3802	*5106	*0702	*1204	SSOP, SSP
5130	Costeas, Paul	*24:07	*24:03/33	*38:02	*51:06	*07:02	*12:04	SSO, SSP
779	Daniel, Claud	*24:07/108/112/131	*24:33	*38	*51	*07	*12	
8052	Del Pozo, Ana	*2407/112/131	*24	*3802/15	*51	*07	*1204	PCR-SSOP
3766	Dunn, Paul	*24:07/112/131	*24:03/22/33/125	*38:02/15/18/23	*51:04/06/46/56	*07	*12	SSO, SSP
5214	Eckels/CPMC	*2407	*24	*38	*51	*07	*12	SSOP
4251	Ellis, Thomas	*24:07	*24:33	*38:02	*51:06	*07:02:01G	*12:04	PCR-RVSSO, SBT
762	Fischer&Mayr	*24:07	*24:33	*38:02	*51:06	*07:02/50	*12:04	SBTex1-4
792	Gandhi, Manis	*24:07	*24:03/33	*38:02	*51:06	*07:02	*12:04	SSO, SSP
8043	Gideon, Osna	*24:07	*24:33	*38:02	*51:06	*07:02	*12:04	SSOP, SSP
810	Hamdi, Nuha	*24:07	*24:03	*38:02	*51:04	*07:02	*12:03	SSO
4269	Hanau, Daniel	*24		*38	*51	*07	*12	SCR-SSP
3808	Hogan, Patric	*24:07/19/108/112+	*24	*38	*51	*07	*12:04	SSO
745	Holman, Richa	*24:07	*24:33	*38:02:01	*51:06:01	*07:02:01	*12:04:02	SSO, SSP, SBT
771	Israel, Shosh	*24:07	*24:33	*38:02	*51:06	*07:02	*12:04	SBT, SSP
9003	Israel_LR	*24		*38	*51	*07	*12	SSOP
859	Kamoun, Malek	*24:07	*24:33	*38:02	*51:06	*07:02	*12:04	SBT, SSP, SSO
4337	Kim, Tai-Gyu	*24:07	*24:03/33	*38:02/18	*51:06	*07:02/50/66/74	*12:04	SBT
168	Klein, Tirza	*24:07	*24:03	*38:02	*51:06	*07:02	*12:04	PCR-SSP, SSO
9000	Klein_LR	*24		*38	*51	*07	*12	PCR-SSO, SSP
278	Lee, Jar-How	*24:07	*24:33	*38:02	*51:06	*07:02	*12:04	SSP, RVSSOP
6649	Lim, Young Ae	*24		*38	*53	*07	*12	SSP
759	Lopez-Cepero	*24:07	*24:03/22/33	*38:02/15/18	*51:04/06/46/56	*07:02/13/29/32N+	*12:04/03/06+	RVSSO
23	Mah, Helen	*24:07	*24:03/33	*38:02	*51:06	*07:02	*12:03/04	SSO
8029	Mani, Rama	*24		*38	*51			PCR-SSP
206	McAlack-Hana	*24:07	*24	*38	*51	*07	*12	RVSSOP
3582	McCluskey, Ja	*24	*24	*38	*51			SSO
8001	Rao, Prakash	*24		*38	*51	*07	*12	RVSSOP, SSP
3625	Rees, Tracey	*24:07	*24:33	*38:02/18	*51	*07:02/50	*12:04	PCR-SSP, SBT
5200	Reinke, Denni	*24		*38	*51	*07	*12	SSP
1160	Rosen-Bronso	*24		*38	*51	*07	*12	RVSSO, SSP
793	Rubocki, Ron	*24		*38	*51	*07	*12	SSP
3519	Semana, Gilbe	*24:07	*24:33	*38:02	*51:06	*07:02	*12:04	SBT
769	Tavoularis, S	*24:07	*24:33	*38:02:01	*51:06:01	*07:02	*12:04:02	SSO, SBT, SSP
747	Tiercy, Jean-	NT						
5451	Tilanus, Marc	*24:07	*24:33	*38:02:01	*51:06:01	*07:02:01	*12:04:02	SBT
5462	Turner, E. V.	*24:07	*24:33	*38:02:01	*51:06:01	*07:02:01	*12:04:02	SEQ, SSO, SSP
5642	Varnavidou-N	*24		*38	*51	*07	*12	PCR-SSP
3186	Watson, Narel	*24		*38	*51	*07	*12	SSP, SSO

INVESTIGATOR		CELL NO.1428 (Hispanic)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie	*02	*02	*27	*40	*01	*03	PCR-SSP
16	Askar, Medhat	*02:01:01	*02:06:01	*27:05/13	*40:08	*01:02// *01:22+	*03:04// *03:28+	PCR-RSSOP, SBT
774	Cecka, J.Mich	*02	*02:06/126/127+	*27:07/11/33/43	*40:08	*01	*03	SSP
5232	Charlton, Ron	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSP, RVSSO
4492	Charron, D.	*02:01/85/200+	*02:06/85/144+	*27:05/60-73	*40:08	*01:02/38-45	*03:04/47/73+	PCR-SSP
4492	Charron_LR	*02	*02	*27	*40:08	*01	*03	PCR-SSO
798	Claas, F.H.J.	*02:01:01	*02:06:01	*27:05:02	*40:08	*01:02:01	*03:04:01	SBT, SSP
3632	Colombe, Beth	*0201	*0206	*2705	*4008	*0102	*0304	SSOP, SSP
5130	Costeas, Paul	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSO, SSP
779	Daniel, Claud	*02		*27	*40:08	*01	*03(Cw10)	
8052	Del Pozo, Ana	*02	*02	*27	*4008	*01	*03	PCR-SSOP
3766	Dunn, Paul	*02:01+	*02:06	*27	*40:08	*01	*03	SSO, SSP
5214	Eckels/CPMC	*02	*02	*27	*4008	*01	*03(Cw10)	SSOP
4251	Ellis, Thomas	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	PCR-RVSSO, SBT
762	Fischer&Mayr	*02:01/01L	*02:06	*27:05/13	*40:08	*01:02	*03:04	SBTex1-4
792	Gandhi, Manis	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSO, SSP
8043	Gideon, Osna	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SSOP, SSP
810	Hamdi, Nuha	*02:01	*02:06	*27:03	*40:08	*01:02	*03:04	SSO
4269	Hanau, Daniel	*02		*27	*40	*01	*03	PCR-SSP
3808	Hogan, Patric	*02		*27	*40:08/13/35/75+	*01	*03	SSP
745	Holman, Richa	*02:01:01	*02:06:01	*27:05	*40:08	*01:02	*03:04	SSO, SSP, SBT
771	Israel, Shosh	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SBT, SSP
9003	Israel_LR	*02		*27	*40	*01	*03	SSOP
859	Kamoun, Malek	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SBT, SSP, SSO
4337	Kim, Tai-Gyu	*02:01/09/43N+	*02:06/126	*27:05	*40:08	*01:02/25	*03:04	SBT
168	Klein, Tirza	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	PCR-SSP, SSO
9000	Klein_LR	*02		*27	*40	*01	*03	PCR-SSO, SSP
278	Lee, Jar-How	*02:01/97/121+	*02:06/126/170+	*27:05	*40:08	*01:02/25/40+	*03:04/100/101+	SSP, RVSSOP
6649	Lim, Young Ae	*02		*27	*40(B61)	*01	*03	SSP
759	Lopez-Cepero	*02:01/04/07/09+	*02:06/10/21/28+	*27:03/05/10/13+	*40:08	*01:02/07/11+	*03:04/06/09+	RVSSO
23	Mah, Helen	*02:01/09/66	*02:06	*27:05/13	*40:08	*01:02	*03:04	SSO
8029	Mani, Rama	*02		*27	*40			PCR-SSP
206	McAlack-Hana	*02	*02	*27	*40:08	*01	*03(Cw10)	RVSSOP
3582	McCluskey, Ja	*02		*27	*4008			SSO
8001	Rao, Prakash	*02		*27	*40:08	*01	*03:04/06/09	RVSSOP, SSP
3625	Rees, Tracey	*02:01	*02:06	*27:05	*40:08	*01:02/25/44	*03	PCR-SSP, SBT
5200	Reinke, Denni	*02		*27	*40(B61)	*01	*03(Cw10)	SSP
1160	Rosen-Bronso	*02		*27	*40:08	*01	*03	RVSSO, SSP
793	Rubocki, Ron	*02		*27	*40(B61)	*01	*03(Cw10)	SSP
3519	Semana, Gilbe	*02:01	*02:06	*27:05	*40:08	*01:02	*03:04	SBT
769	Tavoularis, S	*02:01	*02:06:01	*27:05	*40:08	*01:02	*03:04	SSO, SBT, SSP
747	Tiercy, Jean-	NT						
5451	Tilanus, Marc	*02:01:01	*02:06:01	*27:05:02	*40:08	*01:02	*03:04:01	SBT
5462	Turner, E.V.	*02:01:01	*02:06:01	*27:05/13	*40:08	*01:02	*03:04:01	SEQ, SSO, SSP
5642	Varnavidou-N	*02		*27	*40	*01	*03	PCR-SSP
3186	Watson, Narel	*02		*27	*40:08	*01	*03	SSP, SSO

SUMMARY

Cell 1425 (Filipino)

<u>44 labs</u>	
A*11	57%
A*11:01	34%
A*1101	2%
A*11:01:01	7%
A*11	100% TOTAL
A*24	59%
A*24:02	34%
A*2402	2%
A*24:02:01	5%
A*24	100% TOTAL

Cell 1426 (Filipino/Hispanic)

<u>45 labs</u>	
A*02	58%
A*02:01	29%
A*0201	2%
A*02:01:01	11%
A*02	100% TOTAL
A*24	56%
A*24:07	42%
A*2407	2%
A*24	100% TOTAL

Cell 1427 (Filipino)

<u>45 labs</u>	
A*24	44%
A*24:07	51%
A*2407	5%
A*24	100% TOTAL
A*24	49%
A*24:03/33	9%
A*24:03	4%
A*24:33	36%
A*2433	2%
A*24	100% TOTAL

Cell 1428 (Hispanic)

<u>45 labs</u>	
A*02	58%
A*02:01	29%
A*0201	2%
A*02:01:01	11%
A*02	100% TOTAL
A*02	54%
A*02:06	31%
A*0206	2%
A*02:06:01	13%
A*02	100% TOTAL

44 labs

B*40	25%
B*40:10	52%
B*4010	9%
B*40:10:01	14%
B*40	100% TOTAL
B*48	45%
B*48:01/09	7%
B*48:01:01G	2%
B*48:01	21%
B*4801	2%
B*48:01:01	14%
B*48:03	2%
B*48:13	2%
B*48	95% TOTAL

45 labs

B*38	55%
B*38:01	27%
B*3801	2%
B*38:01:01	16%
B*38	100% TOTAL
B*38	51%
B*38:02/15/18	5%
B*38:02/18	5%
B*38:02	22%
B*3802	2%
B*38:02:01	15%
B*38	100% TOTAL

45 labs

B*38	47%
B*38:02/15/18	2%
B*38:02/15	2%
B*38:02/18	5%
B*38:02	29%
B*3802	2%
B*38:02:01	13%
B*38	100% TOTAL
B*51	49%
B*51:04	2%
B*51:06	34%
B*5106	2%
B*51:06:01	11%
B*51	98% TOTAL

45 labs

B*27	51%
B*27:05/13	9%
B*27:03	2%
B*27:05	31%
B*2705	2%
B*27:05:02	5%
B*27	100% TOTAL
B*40	22%
B*40:08	69%
B*4008	9%
B*40	100% TOTAL

42 labs

C*04	29%
C*04:03	64%
Cw*0403	7%
C*04	100% TOTAL
C*08	55%
C*08:01	33%
Cw*0801	2%
C*08:01:01	10%
C*08	100% TOTAL

43 labs

C*07	65%
C*07:02	26%
Cw*0702	2%
C*07:02:01	7%
C*07	100% TOTAL
C*12	61%
C*12:03	30%
Cw*1203	2%
C*12:03:01	7%
C*12	100% TOTAL

43 labs

C*07	61%
C*07:02	28%
Cw*0702	2%
C*07:02:01	9%
C*07	100% TOTAL
C*12	44%
C*12:03	2%
C*12:04	35%
Cw*1204	5%
C*12:04:02	12%
C*12	98% TOTAL

43 labs

C*01	58%
C*01:02	38%
Cw*0102	2%
C*01:02:01	2%
C*01	100% TOTAL
C*03	56%
C*03:04	35%
Cw*0304	2%
C*03:04:01	7%
C*03	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1425 *****						***** CELL NO.1426 *****						***** CELL NO.1427 *****						***** CELL NO.1428 *****							
		V						V						V						V							
		I						I						I						I							
		(FILP)						(MIXD)						(FILP)						(HISP)							
INVESTIGATOR	DAYS	A	A	B	B	C	C	B	A	A	B	C	B	A	A	B	B	C	B	A	A	B	B	C	C	B	B
NAME	OLD	%	1	4	0	8	0	8	%	4	8	7	4	%	4	8	1	7	4	%	7	0	1	3	4	6	
		OTHERS						OTHERS						OTHERS						OTHERS							
		3																		X							
Alonso, Anton	7	90	+	+	+	+W4	+		90	+	+	+	+	B67	90	+	+	+	+	CW6	90	+	+61	+	+		
Alvarez, Carr	3	90	+	+	+	+	+		90	+	+	+	+		90	+	+	+	+		90	+	+	+	+		
Askar, Medhat	2	95	+	+	+	+W4	+	+	95	+	+	+	+		95	+	+	+	+		95	+	+40	+	+	+	B48V, B40V
Cecka, J. Mich	3	95	+	+	+	+	+		95	+	+	+	+		95	+	+	+	+		95	+	+61	+	+		
Chan MD, Soh	4	90	+	+	+	+	+	B61	90	+	+	+	+		90	+	+	+	+	5106	90	+	+08	+	+	+	
Charron, D. P	5	95	+	+40	+	+	+		95	+	+	+	+		95	+	+	+	+		95	+	+	+	+	B37	
Claas, F.H.J.	6	90	+	+	+	+	+		90	+	+	+	+		90	+	+	+	+		90	+	+40	+	+	+	
Dunk, Arthur	2	98	+	+40	+W6	+	+		98	+	+	+	+		98	+	+	+	+		98	+	+40	+	+	+	
Dunn, Paul Dr	6	???	+	+	+	+	+		???	+	+	+	+		???	+	+	+	+		???	+	+	+	+		
Enczmann, J.	6	95	+	+	+	+	+		95	+	+	+	+		95	+	+	+	+		95	+	+08	+	+		
Esteves Kond	2	90	+	+	+	+W4	+	+	90	+	+	+	+		90	+	+	+	+		90	+	+40	+	+	+	B40V
Fort, Marylis	6	95	+	+40	+	+	+		95	+	+	+	+		95	+	+	+	+		95	+	+08	+	+		
Gomez, Carmen	4	98	+	+	+	+W4	+	+	98	+	+	+	+		98	+	+	+	+	CW6	98	+	+	+	+	CW2, B7	
Gomez, Carmen	4	99	+	+	+	+W4	+		99	+	+	+	+		99	+	+	+	+	CW6	99	+	+	+	+	CW2, B7	
Gottwald, Hes	3	100	+	+	+	+W4	+		100	+	+	+	+	B37	95	+	+	+	+		95	+	+61	+	+		
Hahn, Amy B.	2	99	+	+	+	+W4	+	+	99	+	+	+	+	B47	99	+	+	+	+	B53, CW6	97	+	+61	+10	+	+	
Harville, Ter	2	98	+	+	+	+W4	+	+	98	+	+	+	+		98	+	+	+	+		98	+	+08	+10	+		
Hirankarn MD	6	90	01	+	+	+	+		81	+	+	+	+	B37	NT						87	+	+40	+	+	A28, B40V	
Hogan, Patric	10	85	+	+	+	+	+		85	+	+	+	+		85	+	+	+	+		60	+	+40	+	+	+	
Holdsworth, R	9	95	+	+40	+	+	+		97	+	+	+	+	B16	95	+	+	+	+		95	+	+40	+	+	B40V	
Holman, Richa	3	95	+	+40					95	+	+	+	+		95	+	+	+	B35	95	+	+40					
Hubbell, Char	3	95	+	+	+	+	+		95	+	+	+	+	B54	95	+	+	+	+		95	+	+	+	+	B37	
Israel, Shosh	6	95	+	+	+	+W4	+	+	95	+	+	+	+		95	+	+	+	+		95	+	+40	+	+	+	
Keown, Paul M	6	95	+	+	+	+	+		95	+	+	+	+		95	+	+	+	+		95	+	+	+	+		
Klein, Tirza	6	90	+	+	+	+W4	+		95	+	+	+	+		95	+	+	+	+		90	+	+61	+	+	+	
Kvam, Vonnett	3	97	+	+	+	+	+		98	+	+	+	+	CX12	85	+	+	+	+	CX12	95	+	+	+	+		
Lardy, N.M. D	7	90	+	+40	+	+	+		90	+	+	+	+		90	+	+	+	+		90	+	+61	+	+	+	
Lo, Raymundo	6	98	01	+	+	+	+		98	+	+	+	+	B27	98	+	+	+	+	A23	98	+	+	+	+	A3, B18	
MacCann, Eile	3	98	+	+40				B39	98	+	+	+	+		98	+	+	+	+		98	+	+	+	+		
Mah, Helen	3	98	+	+	+	+W4	+	+	98	+	+	+	+		98	+	+	+	+		98	+	+40	+	+	+	B40V
McAlack-Hana	3	98	+	+	+	+W4	+	+	98	+	+	+	+		98	+	+	+	+	B51V, CX15	98	+	+08	+10	+	+	
Meyer, Pieter	13	75	+A9	40	+				75	+A9	+	+		B37	80	+	+	+	+	A23, CW6	80	+	+	+	+	B73	
Mpuntsha, Loy	6	60	+	+	+				60	+	+	+	+		60	A9	+	+			60	+	+	+	+	A19	
Norin, Allen	2	98	+	+	+	+	+		98	+	+	+	+		98	+	+	+	+		98	+	+48	+	+	B40	
Pancoska, Car	2	98	+	+	+	+W4	+	+	97	+	+	+	+		97	+	+	+	+		98	+	+08	+10	+	+	
Permpikul, Ve	6	90	.1	+	+	+	+		90	+	+	+	+		90	+	+	+	+		90	+	+61	+	+		
Pollack, Mari	2	95	+	+	+	+	+	+	95	+	+	+	+		95	+	+	+	+	CX15	95	+	+61	+10	+	+	
Rees, Tracey	6	80	+	+	+	+	+	+	90	+	+	+	+		90	+	+	+	+	B51S	80	+	+40	+	+	+	B40S
Rosen-Bronso	2	90	+	+	+	+	+		90	+	+	+	+		90	+	+	+	+		90	+	+40	+	+		
Rubocki, Rona	2	99	+	+	+	+	+		99	+	+	+	+		99	+	+	+	+		99	+	+40	+	+	+	
Semana MD, Gi	0	99	+	+40	+				99	+	+	+	+		99	+	+	+	+		99	+	+40	+	+		
Shai, Isaac	13	82	+	+	+	W4	+	+	80	+	+	+	+	B44, BW6	92	+	+	+	+	A3, CW6, A2	80	+	+60	+	+	+	A31
Stavropoulos	3	99	+	+	+	+W4	+	+	97	+	+	+	+		98	+	+	+	+	CX12	98	+	+61	+	+	+	
Tagliere, Jac	2	99	+	+	+	+W4	+	+	99	+	+	+	+		99	+	+	+	+		99	+	+61	+	+	+	
Tiercy, Jean-	7	85	+	+40	+				90	+	+	+	+		NT						NT						
Tilanus, Marc	6	80	+	+	+				80	+	+	+	+		80	+	+	+	+		80	+	+	+	+		
Varnavidou-N	6	98	+	+	+	+	+		98	+	+	+	+		98	+	+	+	+		98	+	+	+	+		
Vidan-Jeras,	6	95	+	+	+	+	+		100	+	+	+	+		100	+	+	+	+		100	+	+	+	+		
Watson, Narel	10	95	+	+40	+				95	+	+16	+		BW6	95	+	+	+	+		95	+	+40	+	+		
Wisecarver M	6	98	+	+	+	+	+		98	+	+	+	+		98	+	+	+	+		98	+	+61	+	+		

 * *
 * SUMMARY TABLE *
 * *

(FILP)
 **** CELL 1425 ****
 (50 SAMPLES TYPED)
 A11 94.0%
 1101 4.0%
 11.1 2.0%
 (100.0%)
 A24 98.0%
 A9 2.0%
 (100.0%)
 B60 74.0%
 B40 22.0%
 (96.0%)
 B48 84.0%
 C403 10.0%
 CW4 32.0%
 CW6 2.0%
 (44.0%)
 CW8 38.0%
 BW6 82.0%

(OTHERS FOUND)
 B39 2.0%
 B61 2.0%

(MIXD)
 **** CELL 1426 ****
 (50 SAMPLES TYPED)
 A2 100.0%
 (100.0%)
 A24 96.0%
 A9 2.0%
 (98.0%)
 B38 98.0%
 B16 2.0%
 (100.0%)
 CW7 52.0%
 BW4 82.0%

(OTHERS FOUND)
 B37 6.0%
 BW6 4.0%
 B44 2.0%
 CX12 2.0%
 B67 2.0%
 B47 2.0%
 B54 2.0%
 B16 2.0%
 B27 2.0%

(FILP)
 **** CELL 1427 ****
 (48 SAMPLES TYPED)
 A24 95.8%
 A9 2.1%
 (97.9%)
 B38 97.9%
 (97.9%)
 B51 97.9%
 (97.9%)
 CW7 54.2%
 BW4 83.3%

(OTHERS FOUND)
 CW6 12.5%
 A23 4.2%
 CX15 4.2%
 CX12 4.2%
 A2 2.1%
 A3 2.1%
 B51S 2.1%
 B53 2.1%
 5106 2.1%
 B35 2.1%
 B51V 2.1%

(HISP)
 **** CELL 1428 ****
 (49 SAMPLES TYPED)
 A2 100.0%
 (100.0%)
 B27 100.0%
 B40X 0.0%
 B60 2.0%
 B61 22.4%
 B48 2.0%
 4008 12.2%
 B40 30.6%
 (69.4%)
 CW1 49.0%
 CW3 46.9%
 CW10 10.2%
 (57.1%)
 BW4 81.6%
 BW6 81.6%

(OTHERS FOUND)
 B40V 10.2%
 B37 4.1%
 B7 4.1%
 CW2 4.1%
 A31 2.0%
 B73 2.0%
 A19 2.0%
 B40S 2.0%
 A28 2.0%
 B40 2.0%
 B18 2.0%
 A3 2.0%
 B48V 2.0%