

REPORT OF THE 358th CELL EXCHANGE

JUNE 8, 2011

B-cell line Exchange

B-cell Line	455-456
Serum	1053-1056
DNA Extract	517-520
Cells	1429-1432

We wish to express our gratitude to **Helen Bass, Jane Rowlands, and Tracey Rees, Welsh Blood Service, Pontyclun**, for their generous collaboration with their offers of reference cells to study in our exchanges.

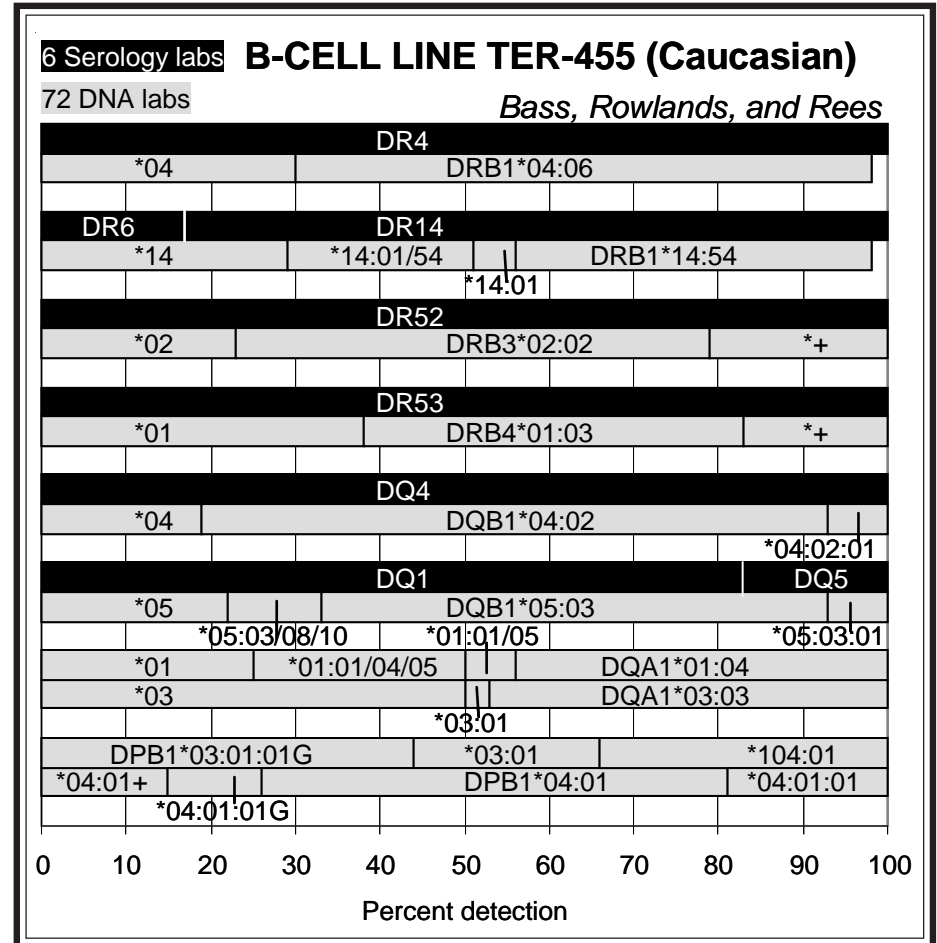
TER-455. This cell from a Caucasian donor was the reference B*50:02 cell, UBM13129406, as described by Darke et al. (1). It was typed for class I as extracts 185 (2001) and 352 (2006) and was recently typed for class II as TER-450, as correctly identified by Hahn, Lopez-Cepero, and Mah.

In this present retyping, DRB1*04:06 was assigned by 68%. Darke et al. described that the majority of their donors with B*50:02 haplotypes (n=11/15) were found to also have DQB1*04:06-DQB1*04:02 rather than the more commonly found DRB1*04-DQB1*03 association. The other 2 DRB1*04:06 cells typed in the Cell Exchange, TER-138 and TER-286 (Thai), were found to be in association with DQB1*0302.

DRB1*14:54 was reported by 42% and DRB1*14:01/54 was assigned by 18%. Two labs assigned DRB1*14:01P since DRB1*14:01 and DRB1*14:54 have identical protein sequences as encoded by exon 2. Another lab assigned DRB1*14:01:01G, since both DRB1*14 alleles have identical nucleotide sequences in exon 2. Four labs misassigned DRB1*14:01.

Combining the data from Darke et al. and the exchange results, the haplotypes in this cell were A*11:01/*24:02-B*50:02-C*06:02-DRB1*04:06-DRB4*01:03-DQB1*04:02-DQA1*03:03 and A*11:01/*24:02-B*55:01-C*03:03-DRB1*14:54-DRB3*02:02-DQB1*05:03-DQA1*01:04.

The previous typing did not resolve whether DPB1*03:01 or DPB1*104:01 was present. DPB1*104:01 was assigned by 36% and DPB1*03:01 by 24%. Another 40% did not differentiate among DPB1*03:01, DPB1*104:01, and DPB1*124:01; their sequences are identical in exon 2. This retyping indicated that DPB1*104:01 was assigned by 34% and DPB1*03:01 by 22%. A total of 44% did not resolve among DPB1*03:01, DPB1*104:01, and DPB1*124:01, which was therefore, denoted as DPB1*03:01:01G (refer to IMGT/HLA Ambiguous Allele Combinations, Release 3.4.0, at <http://www.ebi.ac.uk/imgt/hla/ambig.html>).



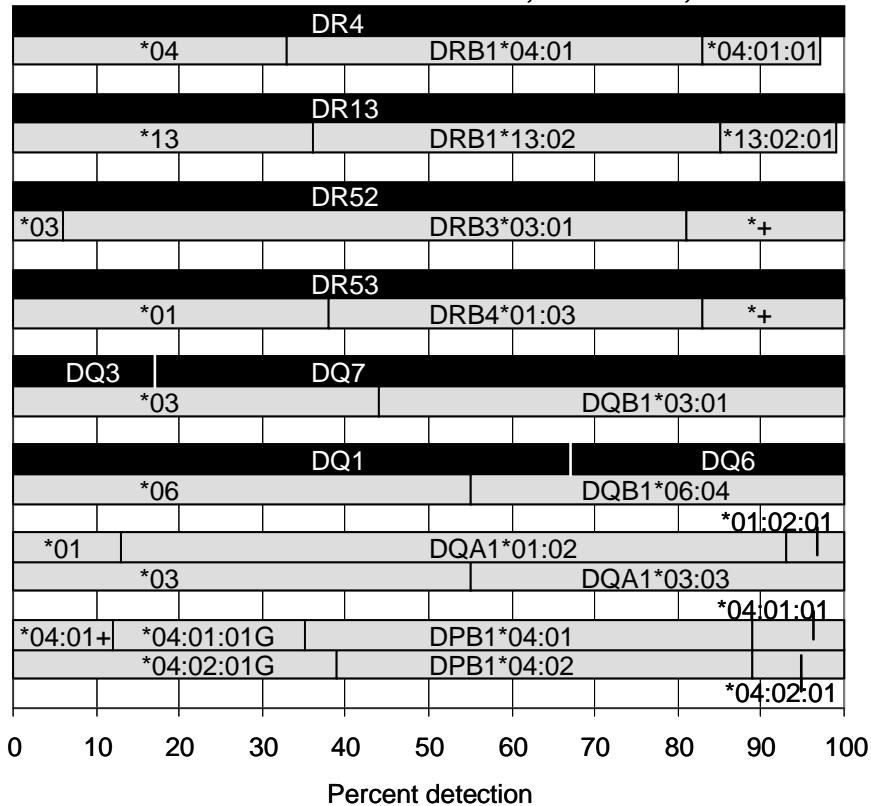
The other DPB1 allele was DPB1*04:01:01 (74%). DPB1*04:01:01G (11%) denotes that DPB1*04:01 was not resolved from DPB1*126:01. "DPB1*04:01+" included labs that assigned other alleles, including DPB1*120:01N and DPB1*128:01.

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

6 Serology labs B-CELL LINE TER-456 (Caucasian)

72 DNA labs

Bass, Rowlands, and Rees



TER-456. This Caucasian cell was 29037, the reference cell for the rare B*49:03, described by Darke et al. (2). It has been typed twice in the Cell Exchange for class I, as extracts 189 (2001) and 298 (2004).

This cell was well typed as DRB1*04:01, DRB1*13:02, DRB3*03:01, DRB4*01:03, DQB1*03:01, DQB1*06:04, DQA1*01:02, DQA1*03:03, DPB1*04:01, DPB1*04:02.

Family studies by Darke et al. and confirmatory exchange results indicated that the haplotypes in this donor were A*02:01-B*49:03-C*07:01-DRB1*13:02-DRB3*03:01-DQB1*06:04-DQA1*01:02 and A*24:02-B*44:02-C*05:01-DRB1*04:01-DRB4*01:03-DQB1*03:01-DQA1*03:03.

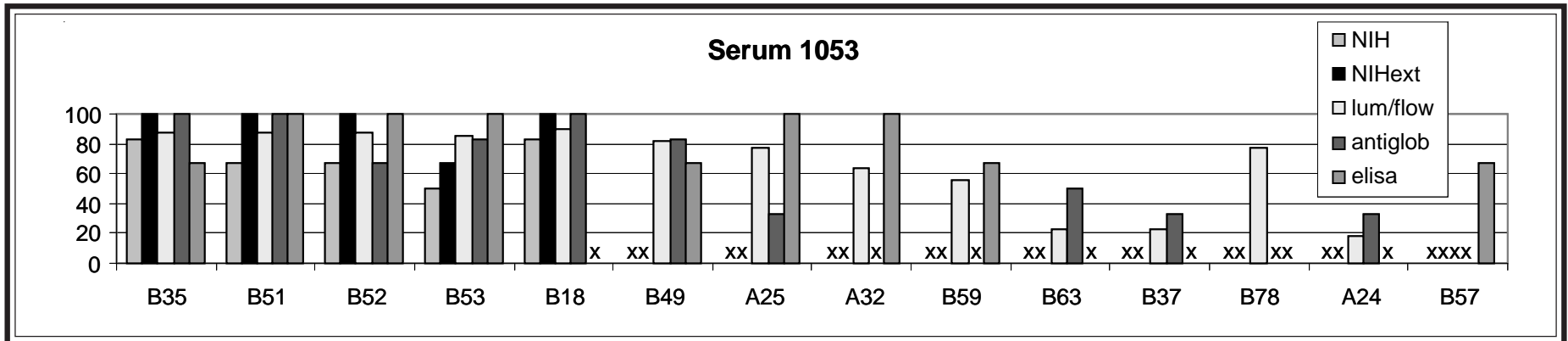
DPA1*01:03 was reported by Charron and J.Lee.

DPB1*04:01 (65%) and DPB1*04:02 (61%) were detected. DPB1*04:01:01G indicates ambiguity between DPB1*04:01 and DPB1*126:01. DPB1*04:02:01G denotes ambiguity between DPB1*04:02 and DPB1*105:01. Other reported DPB1 alleles were DPB1*120:01N and DPB1*128:01.

Serum Exchange

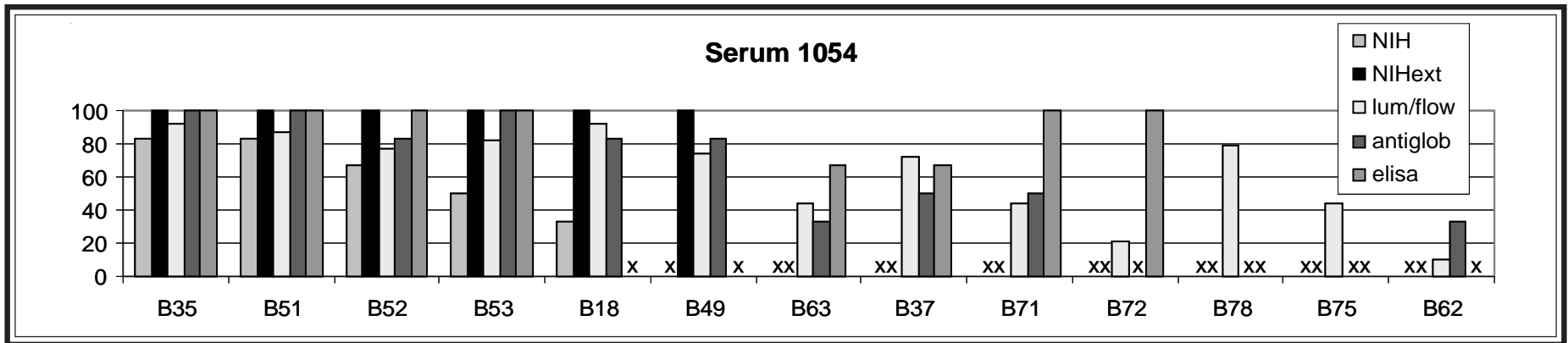
Antibodies (**sera 1053-1056**) reactive to 5CREG specificities, including B35, B51, B52, B53, B18, B78, B15, B70, and B21, were examined in this exchange study. All 4 samples were positive to B35, B51, B52, and B53 by all

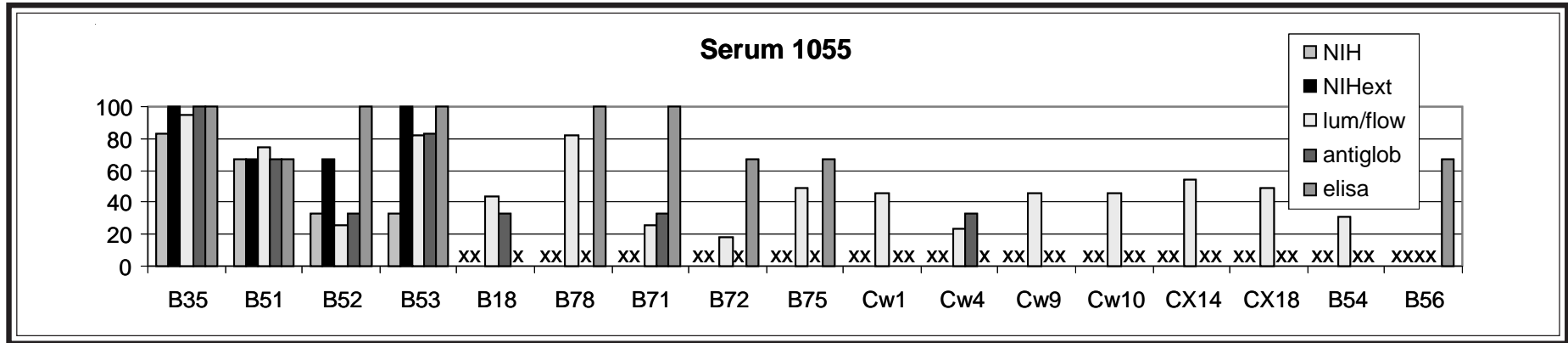
methods, with the exception of NIH labs not reporting anti-B52 reactivity for serum 1056.



Serum 1053 was strongly positive to B35, B51, B52, B53, and B18 by all methods, except that ELISA labs did not detect B18. Luminex, flow, antiglobulin, and ELISA labs also detected B49 and A25. Luminex, flow, and ELISA also reported A32 and B59. Strong anti-B78 reactivity was found by Luminex and flow.

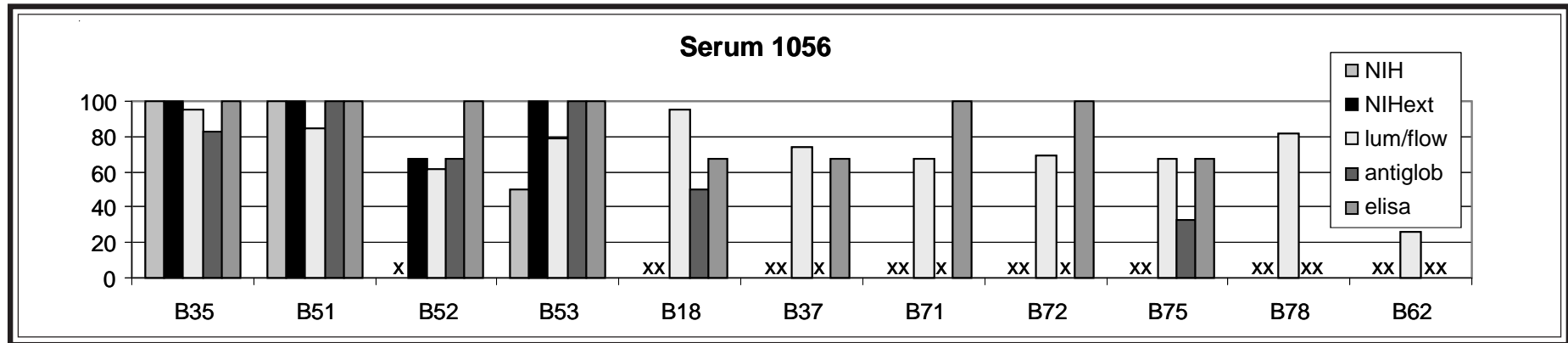
Serum 1054 was additionally positive to B18 by all methods, except by ELISA. B49, B63, B37, and B70 were reported by Luminex, flow, antiglobulin, and ELISA labs. As observed with serum 1053, Luminex and flow also detected strong anti-B78 reactivity.





Serum 1055 was positive to B35, B51, B52, and B53. Strong anti-B78 reactivity was reported by Luminex, flow, and ELISA labs. Varied anti-B18, -B70, and -B75 reactivity was reported. Luminex and flow labs detected additional reactivity to a number of C-locus specificities, including Cw1, Cw3, Cw4, Cx14, and Cx18.

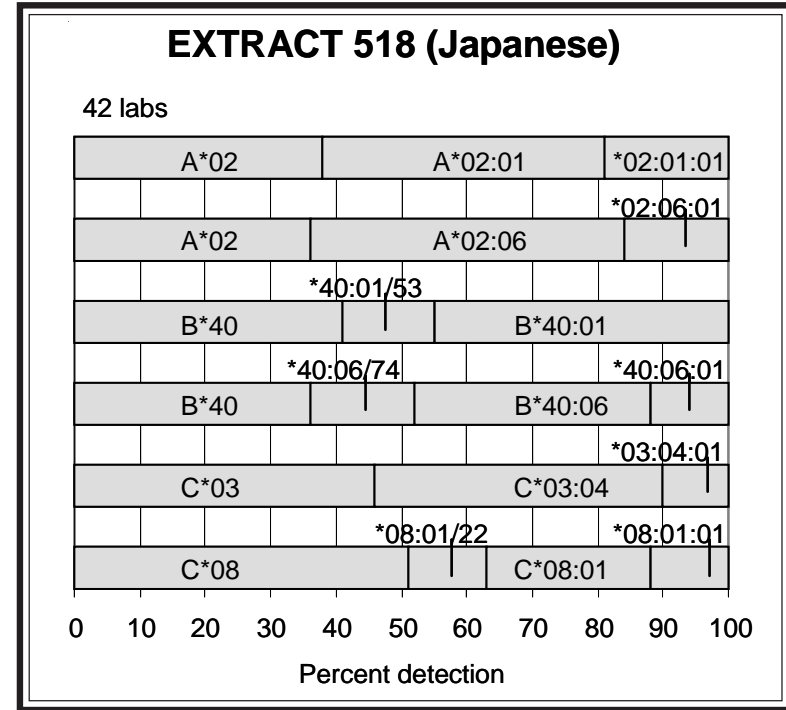
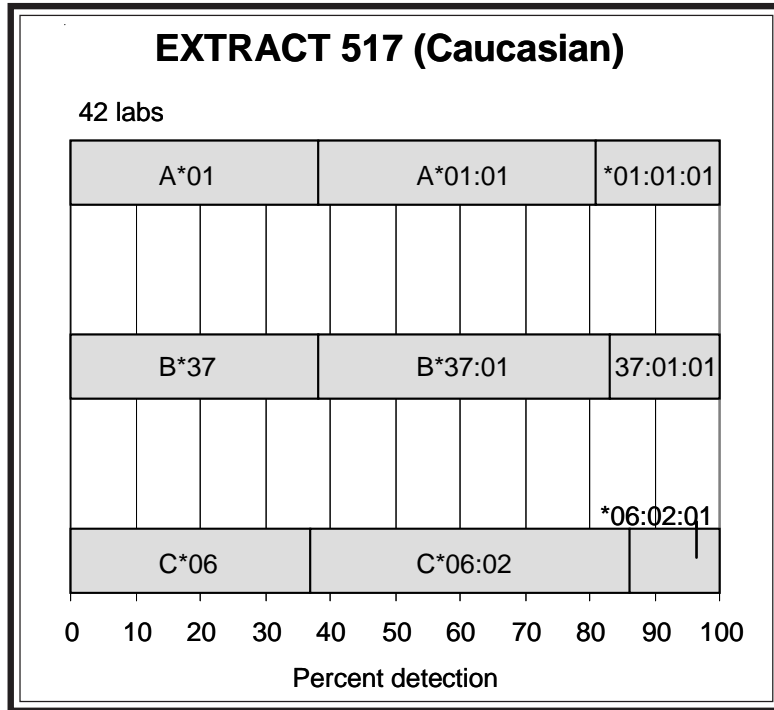
Additional reactivity to B18 and B75 was reported for **serum 1056** by labs using Luminex, flow, antiglobulin, and ELISA. Luminex, flow, and ELISA detected strong anti-B37 and -B70 reactivity. As was found with both sera 1053 and 1054, this sample was strongly positive to B78 by Luminex and flow.



Extract Exchange

Workshop cells, two initially typed in the 10th Workshop and another cell from the 13th Workshop, were typed in this month's study. The fourth cell with

the intriguing A*24:02:01:02L was included as a retyping to follow the standardization of this rare allele.



Extract 517. This homozygous cell from a Caucasian individual was KAS011. According to the IMGT/HLA web site, it serves as an invaluable reference cell for a number of alleles, including B*37:01:01, DPB1*04:01:01, DPB1*14:01, DQA1*01:02:01, DQB1*05:02:01, DRB6*02:02, MICA*010:01, and MICB*002:01:01. The cell was originally studied as IHW#9009 in the 10th Workshop.

A*01:01-B*37:01-C*06:02 was the high-resolution type reported by over 60% for this cell. This haplotype is found in all populations, especially in Caucasian (HF=0.00801) and Asian (HF=0.00973) populations.

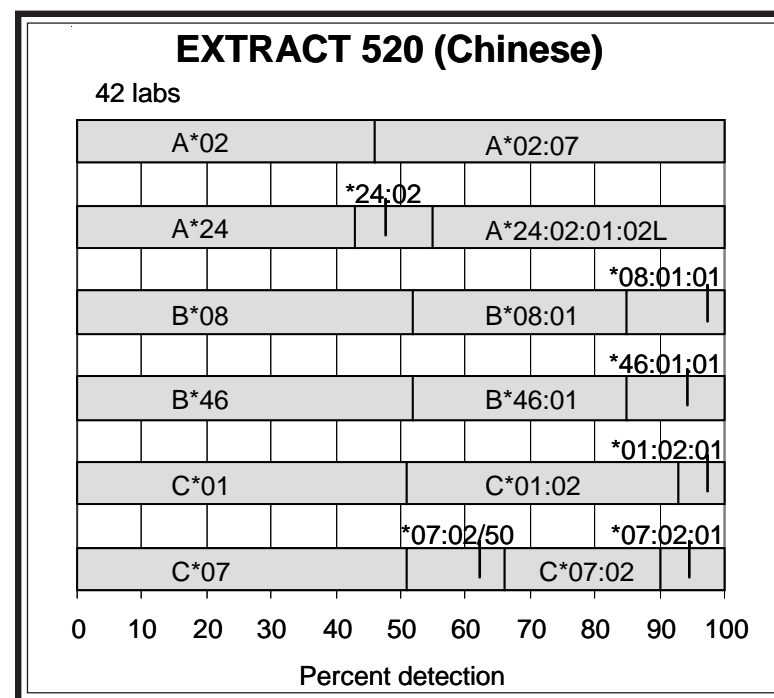
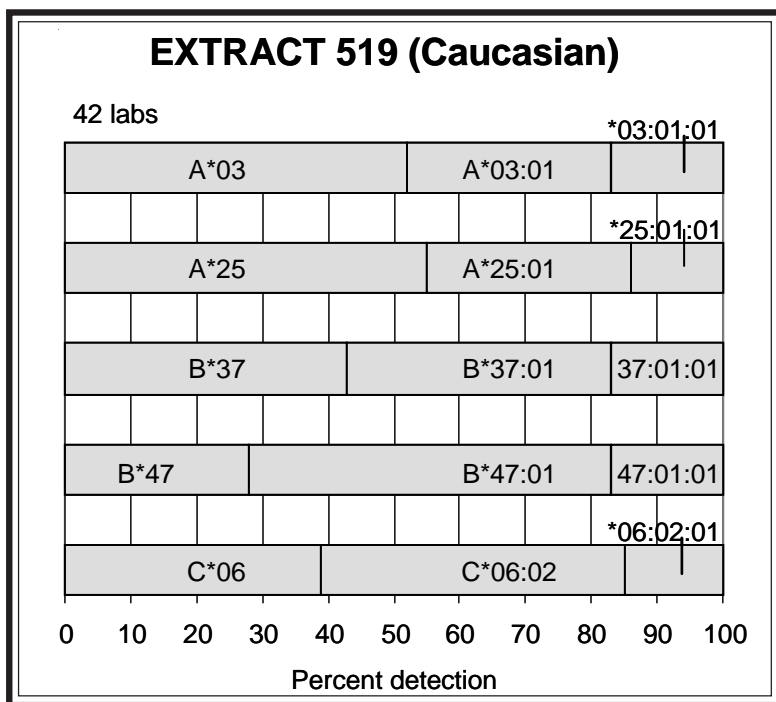
Extract 518. This Japanese cell was HID, studied in the workshops as IHW#9074.

A*02:01 (62%) and A*02:06 (64%) were detected. Interestingly, this finding of 2 different A*02 alleles is in contrast to the reported typing of A*02:01, - for this cell by the 13th Workshop and the IMGT/HLA web site.

B*40:01 (45%) and B*40:06 (48%) were the B-locus types.

C*03:04 and C*08:01 were reported by 54% and 37%, respectively.

B*40:01-C*03:04 and B*40:06-C*08:01 are strong associations found in Asian populations.



Extract 519. This cell from a Caucasian donor was #15310-LN, the reference cell for the rare DRB1*14:17. It was typed in the workshops as IHW#9326. B*47:01 was assigned by 72%. The other B-locus allele was B*37:01 (57%). A*03:01 (48%) and A*25:01 (45%) were the A-locus types. C*06:02 (61%) was the sole C-locus type.

Extract 520. This Chinese cell with A*24:02:01:02L was previously typed as cells 1284 (2006) and 1303 (2007) by both serology and molecular-based typing methods. A sibling was typed as cell 1311 (2007). In all 3 typings, the low-expressing A24 allele was assigned by 5% or less. A*24:02:01:02L was detected by 46% for cell 1303 and by 43% for cell 1311. This same allele was also typed in extract 457 (2009) [also extracts 150, (2000) and 324,

(2005)] from a Caucasian donor.

In this present retyping, A*24:02:01:02L was reported by 41%. In studying this allele in several related donors, LaForet et al. (3) said "The only difference between the A*2402101 and A*24 deficient alleles was found to be located at the end of the second intron, where all three members of the family showed an "A" instead of the "G" of HLA*2402101, seven nucleotides before exon 3." This mutation in the acceptor site in intron 2 results in incorrect splicing, mainly in exon 3.

The sibling study revealed the haplotypes in this cell as A*24:02:01:02L-B*08:01-C*07:02 and A*02:07-B*46:01-C*01:02, a commonly found haplotype in Asian populations. According to the NMDP Bioinformatics web site, A*02:07g-B*46:01-C*01:02 has HF=0.03235, the second highest haplotype frequency in U.S. Asians.

Cell Exchange

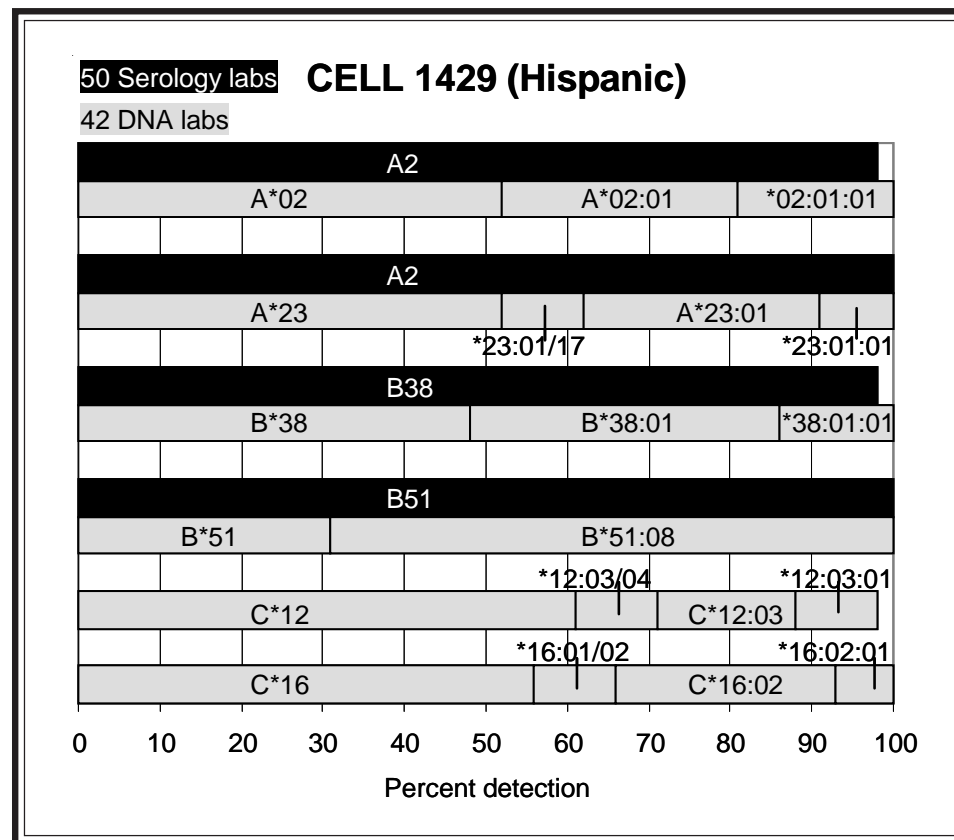
Cell 1429. This cell from an Hispanic donor was previously typed as cells 1241 (2005), 1269 (2006), and 1299 (2007), as correctly identified by a number of labs.

B51 was assigned in complete consensus. B*51:08 was detected by 69%.

B38 (98%) was confirmed as B*38:01 (52%).

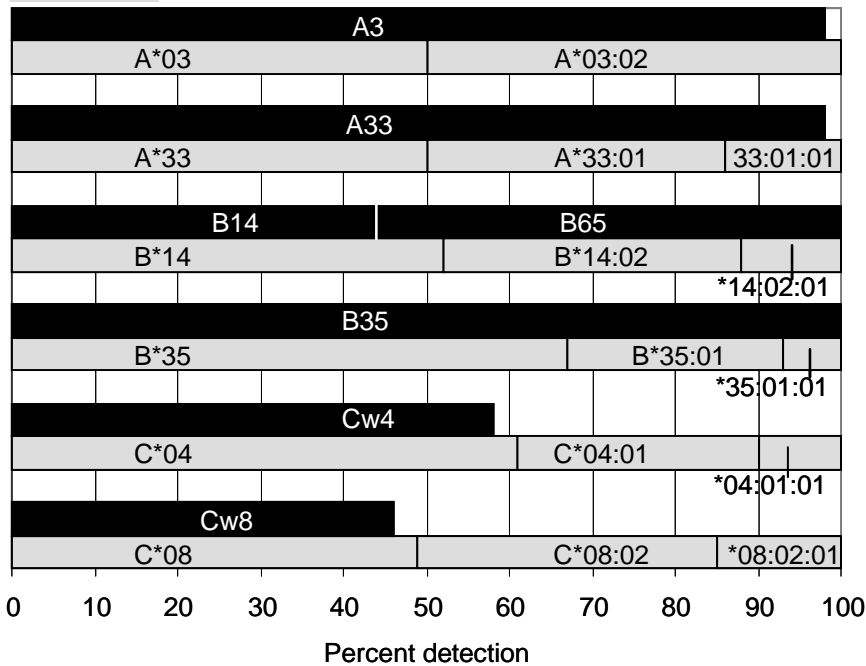
C*12:03 (27%) and C*16:02 (34%) were the C-locus types.

The likely associations were B*38:01-C*12:03 and B*51:08-C*16:02. B*51:08-C*16:02 was also present in the other B*51:08 exchange cells, extracts 93 (Cauc) and 386.



50 Serology labs CELL 1430 (Hispanic)

42 DNA labs



Cell 1430. This Hispanic cell was well typed as A3, A33, B14 (B65), B35, Cw4, Cw8 and verified as A*03:02, A*33:01, B*14:02, B*35:01, C*04:01, C*08:02.

Two strong associations, B14-Cw8 and B35-Cw4, were present in this cell.

One likely haplotype in this cell may be A*33:01-B*14:02-C*08:02, with HF=0.01552, which is the fourth most frequently found haplotype in U.S. Hispanics. The other probable haplotype was A*03:02-B*35:01-C*04:01.

Cell 1431. This Hispanic donor with the rare B*15:04 was previously typed as cell 1318 (2007) and extract 429 (2008). It remains the sole B*15:04 cell typed by both serology and DNA in the Cell Exchange. GRC-138, a reference B*15:04 cell, was also typed in the Cell Exchange by DNA methods only, as extracts 130 (2000), 239 (2003), and 362 (2006).

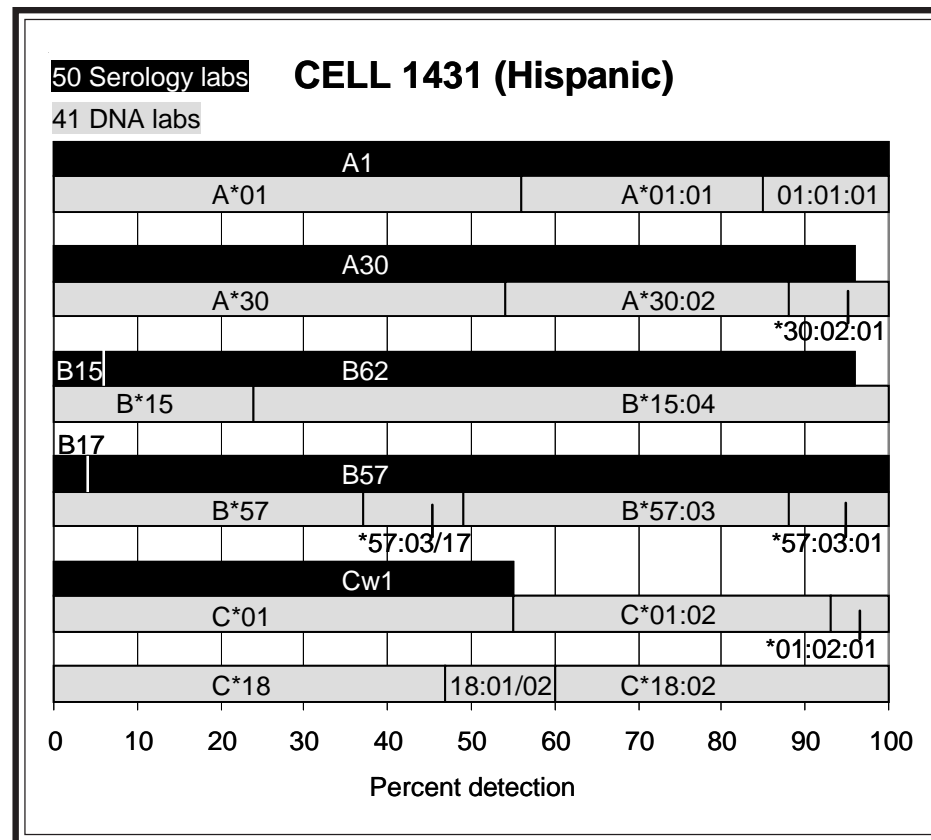
In this present retyping, B62 was assigned by 90%, the same detection level as that achieved in 2007. B*15:04 was reported by 76%, the same rate as in 2008.

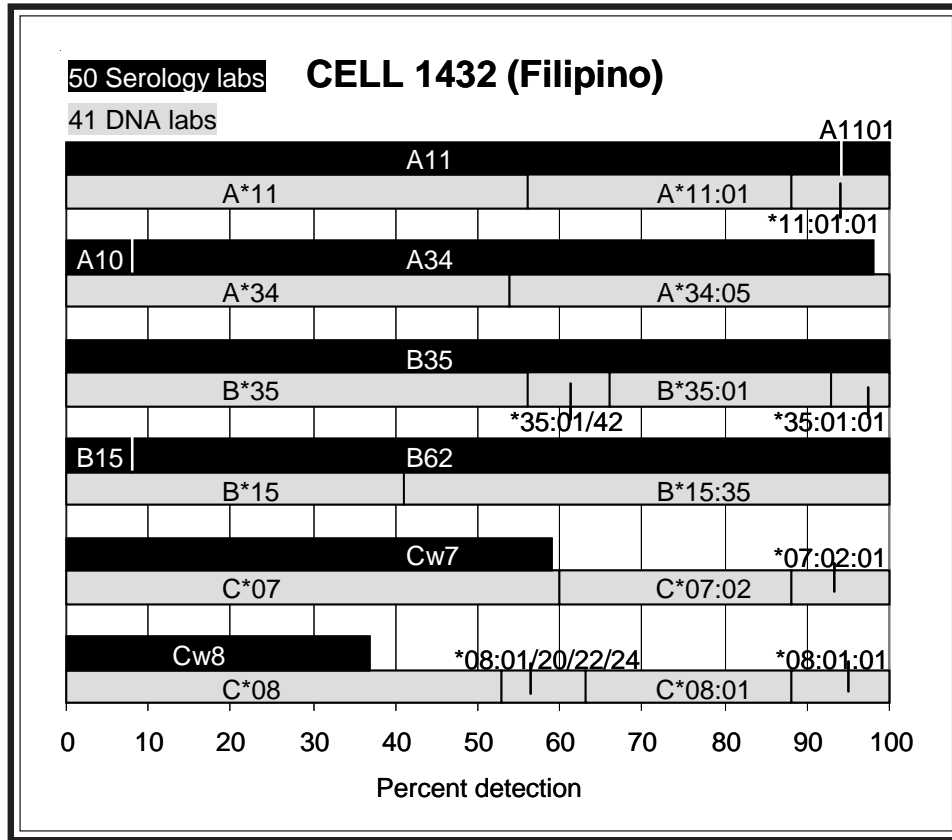
B57 (96%) was corroborated as B*57:03 (51%).

C*18 was one C-locus type; C*18:02 was assigned by 38%. The reporting of Cw6 by 16% indicated that the encoded antigen was reactive to some anti-Cw6 sera. In the 2007 typing, Cw6 was assigned by 33%.

The second C-locus antigen was Cw1 (55%), confirmed as C*01:02 (45%).

The associations in this cell may be B*15:04-C*01:02 and B*57:03-C*18:02. B*57:03-C*18:02 was also present in cells 1083 (2001) and 1144 (2002), both from Black donors.





Cell 1432. This Filipino cell was previously typed in the Cell Exchange as cell 1347 (2008) and 1372 (2009) by both serology and DNA typing, as well as extracts 413 and 416 in 2008 by DNA typing only.

A34 was detected by 90% in this present retyping. The rare A*34:05 was reported by 46%. Lebedeva et al. (4) described A*34:05 as having only one difference from A*34:01, at codon 125 (GCC->TCC), resulting in an amino acid change of Ala->Ser.

The other A-locus antigen was A11 (100%), validated as A*11:01 (44%).

B35 (100%) and B62 (92%) were reported; B*35:01 (34%) and B*15:35 (59%) were the B-locus alleles. In the initial 2008 typing, Tilanus commented that the sequences for exons 1 and 4 for B*15:35 were identical to those of B*15:01:01; at that time, this information was not available in the IMGT/HLA Database.

Cw7 (59%) and Cw8 (36%) were confirmed as C*07:02 (40%) and C*08:01 (37%), respectively.

B*35:01-C*07:02 and B*15:35-C*08:01 may be the associations in this cell. B*15:35-C*08:01 was present in cells 1052 (2000) and 1253 (2005), both from Filipino donors. From family studies, A*34:01-B*15:35-C*08:01 was confirmed in cell 1253. We speculate that for this present cell, A*34:05-B*15:35-C*08:01 and A*11:01-B*35:01-C*07:02 may be present.

References

1. Darke C, Guttridge MG, Thompson J, et al. Molecular, serological and population studies on a novel HLA-B allele – HLA-B*5002. *Tissue Antigens* 1998;51:666.
2. Darke C, Street J, and Guttridge MG. Sequence, genetics and serology of a new HLA-B allele: B*4903. *Tissue Antigens* 2001;57:478.
3. Laforet M, Froelich N, Parissiadis A, et al. An intronic mutation responsible for a low level of expression of an HLA-A*24 allele. *Tissue Antigens* 1997;50:340.
4. Lebedeva TV, Huang A, Janzen A, et al. Identification of novel HLA class I alleles using single allele sequencing. *Tissue Antigens* 2003;62:433.

NEXT MAILING DATE: August 3, 2011

Important reminder: There is no sendout in July.

Marie Lau, Arlene Locke, J. Michael Cecka, and Elaine F. Reed

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B-CELL LINE TER-455

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488	Adams, Sharon	*04:06	*14:54	*02:02	*01	*04:02	*05:03:01	*01:04	*03:03	*0502	*04:01:01	RSSO, SBT, SSP
8070	Ahn, Jaeie	*04	*14			*04	*05			*03	*04	P-SSP
4691	Ajlan, Abdula	*04	*14			*04	*05					SSO
774	Cecka, J. Mich	*04:06	*14:54	*02:02/23	*01:03	*04:02	*05:03/06+	*01:04	*03:03			SSP, SSOP
785	Chan, Soh Ha	*0406	*1401/54	*020201	*010301	*0402	*050301	*0101/04+	*0301-03			SBT
5232	Charlton, Ron	*04:06	*14:54			*04:02	*05:03					
4492	Charron, D.	*04:06/85	*14:54/88+	*02:02	*01:03	*04:02	*05:03/06+	*01:04	*03:03	*03:01:01G	*04:01+	SBT, SSP
3224	Chen, Dongfen	*04:06	*14:01/54	*02:02/23	*01:03	*04:02	*05:03					P-SSP, SSO
8021	Clark, Brenda	*04:06	*14:54	*01:07/*02	*01	*04:02	*05:03			*03:01:01G	*04:01	SSOP, SSP
3632	Colombe, Beth	*0406	*1454	*0202	*0103	*0402	*0503					SSO, SSP
5130	Costeas, Paul	*04:06	*14:54	*02:02	*01:03	*04:02	*05:03	*01:04	*03:03			SSO, SSP
779	Daniel, Claud	*04	*14	*+	*+	*04	*05					P-SSP
5219	Daniel, Dolly	*04	*14	*+	*+	*04	*05					
8052	Del Pozo, Ana	*0406/41	*14			*0402	*0503	*01	*03			P-SSO
5891	Du, Keming	*14:01/54	*14:01/54			*04:02	*05:03					P-SBT
5214	Eckels/CPMC	*04	*14	*02	*01	*0402	*0503	*01	*03	*0301	*0401	SSOP
2332	Elkhalifa, Mo	*04:06	*14:01/54	*01-*03	*01	*04:02	*05:03/08+					SSP, RVSSO
4251	Ellis, Thomas	*04:06	*14:01	*02:02/12	*01:01/03+	*04:02	*05:03	*01	*03	*03:01	*04:01	P-RVSSO, SBT
3135	Enczmann, J.	*04:06	*14:01/54	*02:02	*01:03	*04:02	*05:03			*03:01	*04:01	SBT, P-SSP
762	Fischer/Mayr	*04:06	*14:01/54	*02:02	*01:03	*04:02	*05:03	*01:04	*03:03	*03:01:01G	*04:01	SSO, SSP, SBT+
4079	Fort, Marylis	*04:06	*14:54			*04:02	*05:03					P-SSP, SSO
792	Gandhi, Manis	*04:06	*14:54	*02:02	*01:03	*04:02	*05:03	*01:04	*03:03			SSO, SSP
8043	Gideoni, Osna	*04:06	*14:54			*04:02	*05:03	*01:04	*03:03			SSP
9002	Gideoni_LR	*04	*14			*04	*05					SSO, SSP
1694	Gottwald&Hes	*04:06	*14:54			*04:02	*05:03					SSP
910	Hahn, Amy B.	*04:06	*14:54	*02:02/23	*01:03	*04:02	*05:03/06+					P-SSP
810	Hamdi, Nuha	*04:06	*14:01			*04:02	*05:03	*01:01	*03:01			SSO
4269	Hanau, Daniel	*04:06	*14:54	*02:02/28	*01:03/08	*04:02/04	*05:03	*01:04	*03:03	*03:01:01G	*04:01+	P-SBT, SSP
1461	Hidajat, M.	*04:06	*14:54	*02:02	*01:03	*04:02	*05:03			*104:01+	*04:01	SBT, SSP
2344	Hurley/Hartz	*04:06:01+	*14:01:01/54			*04:02	*05:03:01+			*03:01:01G	*04:01:01G	SBT
771	Israel, Shosh	*0406	*1454			*0402	*0503					SSP
9003	Israel_LR	*04	*14			*04	*05					SSO
859	Kamoun, Malek	*04:06	*14:54	*02:02	*01:03	*04:02	*05:03	*01:04	*03:03			SBT, SSP, SSO
797	Kato, Shunich	*04:06	*14:01/54			*04:02	*05:03	*01:01/04+	*03:01-03			SSO, +SBT-DR
4337	Kim, Tai-Gyu	*04:06	*14:54			*04:02	*05:03			*03:01:01G	*04:01	SBT
168	Klein, Tirza	*04:06	*14:54			*04:02	*05:03					P-SSP, SSO
9000	Klein_LR	*04	*14			*04	*05					P-SSP, SSO
5096	Koh, Eun-mi	*04	*14									SSOP
87	Land, Geoffre	*0406	*1401	*0202	*0103	*0402	*0503	*0104	*0303	*0301	*0401	SBT, SSP, SSO
725	Lardy, N.M.	*04	*14	*+	*+	*04	*05	*01	*03			SSO, SSP
278	Lee, Jar-How	*04:06	*14:54	*02:02	*01:03	*04:02	*05:03/08+	*01:01/04+	*0301-03	*03:01:01G	*04:01:01G	SSP, RVSSOP
640	Lee, Kyung Wh	*04:06	*14:01:01G			*04:02	*05:03:01G	*01:04:01	*03:03			P-SBT
6649	Lim, Young Ae	*04	*14	*+	*+							P-SSP
274	Lo, Raymundo	*04	*14	*+	*+	*04	*05					SSP
731	Loewenthal, R	*04:06P	*14:01P			*04:02/04	*0503					SSO, SBT
759	Lopez-Cepero	*04:06	*14:01/26+			*04:02	*05:03	*01:01/04+	*03:01-03	*03:01:01G	*04:01	RVSSO
23	Mah, Helen	*04:06	*14:54	*02:02	*01	*04:02	*05:03	*01	*03	*104:01	*04:01	SSO, SSP
8029	Mani, Rama	*04	*13	*+	*+							P-SSP
206	McAlack-Hana	*04	*14	*02:02	*01	*04:02	*05:03					RVSSOP
9916	McIntyre, Joh	*04:06	*14:54	*02:02	*01:03/08	*04:02:01	*05:03/06					SBT, SSP
8042	Muncher, Lior	*04:06	*14:54			*04:02	*05:03					SSOP, SSP
9001	Muncher_LR	*04	*14			*04	*05					SSOP, SSP
3648	Pereira, Noem	*04:06	*14:01P			*04:02	*05:03	*01	*03			P-RVSSO, SBT
3966	Permpikul&Ve	*04:06	*14:01/54	*02:02	*01:03	*04:02	*05:03					P-SSP
2400	Phelan, Donna	*04:06	*14:01/54	*02	*01	*04:02	*05:03	*01:01/04+	*03:01-03			RSSO, SBT, SSP
735	Ramon, Daniel	*04:06	*14:01/54	*02:02	*01:01/03+	*04:02	*05:03/08+	*0101/04+	*03:01-03	*104:01	*04:01	RVSSOP, SSP
8001	Rao, Prakash	*04:06/85	*14:54	*02:02	*01:03	*04:02	*05:03/08+			*104:01	*04:01	RVSSO, SSP

B-CELL LINE TER-455 (Caucasian)

72 DNA LABS

72 LABS REPORTING DRB1

DRB1*04	30%
DRB1*04:06P	1%
DRB1*04:06	60%
DRB1*0406	7%
DRB1*04	98% TOTAL
DRB1*14	29%
DRB1*14:01:01G	1%
DRB1*14:01P	3%
DRB1*14:01/54	16%
DRB1*1401/54	1%
DRB1*14:01:01/54	1%
DRB1*14:01	4%
DRB1*1401	1%
DRB1*14:54	38%
DRB1*1454	4%
DRB1*14	98% TOTAL

48 LABS REPORTING DRB3

DRB3*+	21%
DRB3*02:02	44%
DRB3*0202	8%
DRB3*02:02:01	2%
DRB3*020201	2%
DRB3*02	23%

48 LABS REPORTING DRB4

DRB4*+	17%
DRB4*01:03	35%
DRB4*0103	6%
DRB4*01:03:01	2%
DRB4*010301	2%
DRB4*01	38%

6 SEROLOGY LABS

DR4	100%
DR6	17%
DR14	83%
DR6	100% TOTAL
DR52	100%
DR53	100%

69 LABS REPORTING DQB1

DQB1*04	19%
DQB1*04:02	62%
DQB1*0402	12%
DQB1*04:02:01	7%
DQB1*04	100% TOTAL
DQB1*05	22%
DQB1*05:03:01G	3%
DQB1*05:03/08/10	7%
DQB1*05:03:01/08	1%
DQB1*05:03	48%
DQB1*0503	12%
DQB1*05:03:01	6%
DQB1*050301	1%
DQB1*05	100% TOTAL

32 LABS REPORTING DQA1

DQA1*01	25%
DQA1*01:01/04/05	22%
DQA1*0101/04/05	3%
DQA1*01:01	3%
DQA1*01:04	35%
DQA1*0104	3%
DQA1*01:04:01	6%
DQA1*01:05	3%
DQA1*01	100% TOTAL
DQA1*03	50%
DQA1*03:01	3%
DQA1*03:03	41%
DQA1*0303	6%
DQA1*03	100% TOTAL

27 LABS REPORTING DPB1

DPB1*03:01:01G	44%
DPB1*03	4%
DPB1*03:01	7%
DPB1*0301	11%
DPB1*0502	4%
DPB1*104:01	30%
DPB1*04	4%
DPB1*04:01+	11%
DPB1*04:01:01G	11%
DPB1*04:01	44%
DPB1*0401	11%
DPB1*04:01:01	19%
DPB1*04	100% TOTAL

DQ4	100%
DQ1	83%
DQ5	17%
DQ1	100% TOTAL

B-CELL LINE TER-456

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
5488	Adams, Sharon	*04:01:01	*13:02:01	*03:01	*01	*03:01:01	*06:04:01	*01:02	*03:03	*04:01:01	*04:02	RSSO, SBT, SSP
8070	Ahn, Jaeie	*04	*13			*03	*06			*04	*04	P-SSP
4691	Ajlan, Abdula	*04	*13			*03	*06					SSO
774	Cecka, J. Mich	*04:01/76	*13:02/73+	*03:01	*01:03	*03:01/21+	*06:04/34+	*01:02	*03:03			SSP, SSOP
785	Chan, Soh Ha	*0401/35/38	*1302/29+	*0301	*010301	*0301/13+	*0604/17+	*0102	*0301-03			SBT
5232	Charlton, Ron	*04:01	*13:02			*03:01	*06:04					
4492	Charron, D.	*04:01	*13:02/99	*03:01	*01:03/08	*03:01/27+	*06:04	*01:02	*03:03	*04:01+	*04:02:01G	
3224	Chen, Dongfen	*04:01	*13:02	*03:01	*01:03	*03:01/22	*06:04/39					SBT, SSP
8021	Clark, Brenda	*04:01	*13:02	*03	*01	*03:01	*06:04			*04:01	*04:02	P-SSP, SSO
3632	Colombe, Beth	*0401	*1302	*0301	*0103	*0301	*0604					SSOP, SSP
5130	Costeas, Paul	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04	*01:02	*03:03			SSO, SSP
779	Daniel, Claud	*04	*13	**	**	*03(DQ7)	*06					P-SSP
5219	Daniel, Dolly	*04	*13	**	**	*03	*06					
8052	Del Pozo, Ana	*04	*1302/39+			*0301/22	*0604/36+	*0102	*03			P-SSO
5891	Du, Keming	*04:01	*13:02			*03:01/02	*06:04/34+					P-SBT
5214	Eckels/CPMC	*04	*13	*0301	*01	*0301	*06	*0102	*03	*0401	*0402	SSOP
2332	Elkhalifa, Mo	*04:01	*13:02	*01-*03	*01	*03:01/27+	*06:04/34+					SSP, RVSSO
4251	Ellis, Thomas	*04:01	*13:02	*03:01	*01:01/03+	*03:01	*06:04	*01	*03	*04:01	*04:02	P-RVSSO, SBT
3135	Enczmann, J.	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04			*04:01	*04:02	SBT, P-SSP
762	Fischer/Mayr	*04:01	*13:02	*03:01	*01:03	*03:01/09+	*06:04/34+	*01:02	*03:03	*04:01	*04:02	SSO, SSP, SBT+
4079	Fort, Marylis	*04:01	*13:02			*03:01	*06:04					P-SSP, SSO
792	Gandhi, Manis	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04	*01:02	*03:03			SSO, SSP
8043	Gideoni, Osna	*04:01	*13:02			*03:01	*06:04	*01:02	*03:03			SSP
9002	Gideoni_LR	*04	*13			*03	*06					SSO, SSP
1694	Gottwald&Hes	*04:01	*13:02			*03:01	*06:04					SSP
910	Hahn, Amy B.	*04:01	*13:02/73+	*03:01	*01:03	*03:01/21+	*06:04/34+					P-SSP
810	Hamdi, Nuha	*04:01	*13:02			*03:01	*06:04	*01:02	*03:01			SSO
4269	Hanau, Daniel	*04:01	*13:02			*03	*06					P-SBT, SSP
1461	Hidajat, M.	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04			*04:01	*04:02	SBT, SSP
2344	Hurley/Hartz	*04:01:01	*13:02:01			*03:01:01+	*06:04:01+			*04:01:01G	*04:02:01G	SBT, SSOP
771	Israel, Shosh	*0401	*1302			*0301	*0604					SSP
9003	Israel_LR	*04	*13			*03	*06					SSO
859	Kamoun, Malek	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04	*01:02	*03:03			SBT, SSP, SSO
797	Kato, Shunich	*04:01	*13:02			*03:01	*06:04/36+	*01:02	*03:01-03			SSO, +SBT-DR
4337	Kim, Tai-Gyu	*04:01	*13:02			*03:01/09+	*06:04/34+			*04:01	*04:02+	SBT
168	Klein, Tirza	*04:01	*13:02			*03:01	*06:04					P-SSP, SSO
9000	Klein_LR	*04	*13			*03	*06					P-SSP, SSO
5096	Koh, Eun-mi	*04	*13									SSOP
87	Land, Geoffre	*0401	*1302	*0301	*0103	*0301	*0604	*0102	*0303	*0401	*0402	SBT, SSP, SSO
725	Lardy, N.M.	*04	*13	**	**	*03	*06	*01	*03			SSO, SSP
278	Lee, Jar-How	*04:01	*13:02/99	*03:01	*01:03	*03:01/27+	*06:04/34+	*01:02	*03:01-03	*04:01:01G	*04:02:01G	SSP, RVSSOP
640	Lee, Kyung Wh	*04:01	*13:02			*03:01:01G	*06:04:01G	*01:02:01	*03:03			P-SBT
6649	Lim, Young Ae	*04	*13	**	**							P-SSP
274	Lo, Raymundo	*04	*13	**	**	*0301	*06					SSP
731	Loewenthal, R	*04:01:01	*13:02:01			*03	*06					SSO, SBT
759	Lopez-Cepero	*04:01/16/26+	*13:02/39+			*03:01	*06:04/36+	*01:02	*03:01-03	*04:01	*04:02+	RVSSO
23	Mah, Helen	*04:01	*13:02	*03:01	*01	*03:01	*06:04	*01:02	*03	*04:01	*04:02	SSO, SSP
8029	Mani, Rama	*04	*14	**	**							P-SSP
206	McAlack-Hana	*04	*13	*03:01	*01	*03:01	*06					RVSSOP
9916	McIntyre, Joh	*04:01:01	*13:02:01	*03:01	*01:03/08	*03:01	*06:04/39					SBT, SSP
8042	Muncher, Lior	*04:01	*13:02			*03:01	*06:04					SSOP, SSP
9001	Muncher_LR	*04	*13			*03	*06					SSOP, SSP
3648	Pereira, Noem	*04:01	*13:02			*03:01	*06:04	*01	*03			P-RVSSO, SBT
3966	Permpikul&Ve	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04					P-SSP
2400	Phelan, Donna	*04:01	*13:02	*03	*01	*03:01	*06:04	*01:02	*03:01-03			RSSO, SBT, SSP
735	Ramon, Daniel	*04:01	*13:02	*03:01	*01:01/03+	*03:01/29+	*06:04/34+	*01:02	*03:01-03	*04:01	*04:02	RVSSOP, SSP
8001	Rao, Prakash	*04:01/72/76	*13:02/73+	*03:01	*01:03	*03:01/27+	*06:04/34+			*04:01	*04:02	RVSSO, SSP

B-CELL LINE TER-456

CTR DIRNAME	DRB1	DRB1X	DRB3	DRB4	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1	METHOD
3753 Reed, Elaine	*04:01/35/38	*13:02/29+	*03:01	*01:01/03+	*03:01/22	*06:04/39	*01:02	*03:01-03			SBT, SSO
3798 Reinsmoen, N	*04:01:01	*13:02:01	*03:01	*01:01/03+	*03:01	*06:04/34+	*01:02	*03:03	*04:01:01G	*04:02:01G	RSSO, SSP, SBT
1160 Rosen-Bronso	*04	*13	*03:01	*01	*03:01	*06					RVSSO, SSP
793 Rubocki, Rona	*04	*13	*+	*+	*03(DQ7)	*06			*04:01	*04:02	SSP
3519 Semana, Gilbe	*04:01	*13:02	*03:01	*01:03/08	*03:01	*06:04	*01:02	*03:03	*04:01:01G	*04:02:01G	SBT, P-SSP
746 Stamm, Luz	*04:01	*13:02	*03	*01	*03:01	*06:04					SSO, SSP, SBT
2020 Sutton, Maggi	*04:01:01	*13:02:01	*03:01	*01:01-04+	*03:01:01+	*06:04:01+	*01:02/06	*03:01-03	*04:01:01G	*04:02:01G	P-SSP, SBT
13 Tagliere, Jac	*04:01	*13:02	*03:01	*01:03	*03:01	*06:04					SSP
769 Tavoularis, S	*04:01:01	*13:02:01	*03:01	*01:03	*03:01:01	*06:04:01			*04:01:01	*04:02	SSO, SBT, SSP
747 Tiercy, Jean-	*04:01:01	*13:02:01	*03:01	*01:03	*03:01	*06:04	*01:02	*03:01-03	*04:01:01G	*04:02:01G	SSO, SSP, SBT
5451 Tilanus, Marc	*04:01:01	*13:02:01	*03:01	*01:03:01	*03:01:01	*06:04:01	*01:02:01	*03:03	*04:01:01	*04:02	SBT
4021 Trachtenberg	*04	*13	*0301	*01	*0301	*06	*0102	*03			SSO
5462 Turner, E.V.	*04:01:01	*13:02:01	*03:01	*01:03	*03:01/27+	*06:04/34+			*04:01+	*04:02	SEQ, SSO, SSP
5642 Varnavidou-N	*04:01	*13:02	*+	*+	*03:01	*06:04					P-SSP
3511 Zeevi, Adrian	*0401	*1302	*0301	*0103	*0301	*0604	*0102	*0303	*0401	*0402	RVSSOP, SSP

CTR DIRNAME	DR4	DR13	DR52	DR53	DQ7	DQ1	OTH1	OTH2
4492 Charron, D.	+	+	+	+	+	+		
910 Hahn, Amy B.	+	+	+	+	+	+		
4908 Kvam, Vonnett	+	+	+	+	+	+		
54 Pancoska, Car	+	+	+	+	+	+		
793 Rubocki, Rona	+	+	+	+	DQ3	DQ6		
8063 Shai, Isaac	+	+	+	+	+	DQ6		

B-CELL LINE TER-456 (Caucasian)
72 DNA LABS

72 LABS REPORTING DRB1

DRB1*04	33%
DRB1*04:01	47%
DRB1*0401	6%
DRB1*04:01:01	14%
DRB1*04	100% TOTAL
DRB1*13	36%
DRB1*13:02	43%
DRB1*1302	6%
DRB1*13:02:01	14%
DRB1*13	99% TOTAL

47 LABS REPORTING DRB3

DRB3*+	19%
DRB3*03:01	62%
DRB3*0301	13%
DRB3*03	6%

47 LABS REPORTING DRB4

DRB4*+	17%
DRB4*01:03	34%
DRB4*0103	7%
DRB4*01:03:01	2%
DRB4*010301	2%
DRB4*01	38%

6 SEROLOGY LABS

DR4	100%
DR13	100%
DR52	100%
DR53	100%

69 LABS REPORTING DQB1

DQB1*03	44%
DQB1*03:01	42%
DQB1*0301	10%
DQB1*03:01:01	4%
DQB1*03	100% TOTAL
DQB1*06	55%
DQB1*06:04	35%
DQB1*0604	6%
DQB1*06:04:01	4%
DQB1*06	100% TOTAL

31 LABS REPORTING DQA1

DQA1*01	13%
DQA1*01:02	61%
DQA1*0102	19%
DQA1*01:02:01	7%
DQA1*01	100% TOTAL
DQA1*03	52%
DQA1*03:01	3%
DQA1*03:03	39%
DQA1*0303	6%
DQA1*03	100% TOTAL

26 LABS REPORTING DPB1

DPB1*04	4%
DPB1*04:01+	8%
DPB1*04:01:01G	23%
DPB1*04:01	43%
DPB1*0401	11%
DPB1*04:01:01	11%
DPB1*04	100% TOTAL
DPB1*04	4%
DPB1*04:02:01G	35%
DPB1*04:02	50%
DPB1*0402	11%
DPB1*04	100% TOTAL

DQ3	17%
DQ7	83%
DQ3	100% TOTAL
DQ1	67%
DQ6	33%
DQ1	100% TOTAL

	SERUM NO. 1053											SERUM NO. 1054											METHOD			
	%	%	B 1	B 5	B 3	B 5	B 5	A 4	B 2	B 7	A 3	B 5	%	%	B 3	B 5	B 1	B 5	B 5	B 4	B 7	B 3		B 7	B 6	
	POS	8'S	8	1	5	2	3	9	5	8	2	9	POS	8'S	5	1	8	3	2	9	8	7	1	3		
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Alvarez & Ca	31	100	+	+	+	+		+	+		+		22	100	+	+	+	+	+	+					B65	(3)
Askar,Medhat	34	100	+	+	+	+	+						43	80	+	+	+	+	+	+						(2)
Baker,Judy	78	???	+	+	+	+	+	+	+	+	+	+	82	???		+	+	+	+	+	+	+	+	+	B75	(3)
Cecka,J.Mich	50	33	+	+	+	+	+	+	+	+	+		44	50	+	+		+	+	+	+	+	+	+		(4)
Charlton,Ron	96	???	+	+	+	+	+	+	+	+	+		90	???	+	+	+	+	+	+	+	+	+	+		(3)
Claas,F.H.J.	39	100	+		+	+							36	80	+		+	+	+						B5	(1)
Cohen,JHM Pr	71	???	+	+	+	+	+	+	+	+	+		80	???	+	+	+	+	+	+	+	+	+	+		(3)
Dunk,Arthur	47	100	+	+	+	+	+	+					47	100	+	+	+	+	+	+			+		B50	(6)
Dunn,Paul Dr	35	75	+	+	+	+							37	100	+	+	+	+	+	+						(2)
Eckels/CPMC	45	???	+	+	+	+	+	+	+	+	+		50	???	+	+	+	+	+	+			+		B38,B44,B50	(4)
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Esteves Kond	43	89	+	+	+	+							5	0		+									B63,B76	(1)
Esteves-Kond	88	100	+	+		+	+		+		+		78	100	+	+	+	+	+	+			+		B75,B62,B72	(3)
Fort,Marylis	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+		(3)
Gandhi,Manis	76	???	+	+	+	+	+	+	+	+	+	+	77	???	+	+	+	+	+	+	+	+	+	+		(3)
Gautreaux,Mi	86	???	+	+	+	+	+	+	+	+	+		72	???	+		+	+	+		+	+			B57,A33,A68	(3)
Gideon,Osna	84	100	+	+	+	+	+	+	+	+	+		74	100	+		+			+		+			B62,B54,B72>	(3)
Hahn,Amy B.	64	88	+	+	+	+		+			+		63	93	+	+	+	+	+	+					CW4	(4)
Hamdi,Nuha D	73	100		+	+		+				+		71	100	+	+	+				+				A30,CX14,A33>	(3)
Han,Hoon Dr	47	???		+	+	+	+	+		+			49	???	+	+		+	+	+	+	+	+		B75,B76	(3)
Hogan,Patric	23	100	+	+	+	+	+						33	92	+	+		+	+							(1)
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Klein,Tirza	74	100	+	+	+	+	+	+		+			72	100	+	+	+				+		+	+	B62,B54,B72>	(3)
Lardy,N.M. D	38	100	+	+	+	+	+	+					35	100	+	+	+	+	+	+						(2)
MacCann,Eile	94	???	+	+	+	+	+	+		+			90	???	+	+	+	+		+	+	+	+	+	B62,B72	(3)
Mah,Helen	45	100	+	+	+	+	+	+		+			64	100	+	+	+	+	+	+		+	+	+	B65,B62	(4)
McAlack-Hana	93	100	+	+	+	+	+	+		+	+		78	100	+	+	+	+	+	+	+	+	+	+		(3)
McCluskey,Ja	25	???	+	+	+		+		+	+	+		24	???	+	+	+	+			+	+			B15,A68,A33>	(3)
Meyer,Pieter	92	???	+						+				86	???	+	+				+					CW4,CW1,A3,A2>	(3)
Mpuntsha,Loy	34	???		+		+	+	+	+	+	+	+	49	???	+	+	+	+	+	+	+	+	+	+		(3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Pais,Maria L	???	???	+	+	+	+		+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Pancoska,Car	39	???	+	+	+	+	+	+	+	+	+	+	39	???	+	+	+	+	+	+		+	+	+	B72	(3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B77,B75	(3)
Permpikul &	31	91	+	+	+	+							26	100	+	+			+						A32	(1)
Phelan,Donna	38	???	+				+	+	+		+		38	???	+		+	+							B5,B15,B21,B46>	(3)
Ramon,Daniel	69	???	+	+	+	+	+	+			+		71	???	+	+	+	+	+	+			+	+	B62,B72	(4)
Rosen-Bronso	94	8	+	+	+	+	+	+	+	+	+	+	84	8	+	+	+	+	+	+	+	+	+	+	B75	(3)
Sage,Deborah	90	???							+		+		100	???	+	+	+	+	+	+	+	+	+	+	A25,A26,A34,B5>	(3)
Suciu-Foca,N	29	43	+	+		+	+						38	67	+	+	+	+	+							(1)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B75	(3)
Watson,Narel	11	67		+									28	88	+	+			+							(1)

*** 44 TYPING LABS ***

B18	89%	0.908
B51	86%	0.946
B35	86%	0.897
B52	82%	0.948
B53	77%	0.966
B49	70%	0.961
A25	55%	1.000
B78	50%	1.000
A32	41%	1.000
B59	36%	1.000
B63	25%	1.000
A24	18%	0.848
B37	16%	1.000
A23	14%	1.000
B5	7%	1.000
B58	7%	1.000
CW4	7%	1.000
A2	5%	1.000
B7	5%	1.000
B15	5%	1.000
B57	5%	1.000
B65	5%	1.000
B73	5%	1.000

*** 44 TYPING LABS ***

B35	91%	0.887
B51	89%	0.987
B18	84%	0.976
B53	80%	0.984
B52	75%	0.964
B49	70%	1.000
B78	50%	1.000
B37	50%	0.767
B71	34%	1.000
B63	34%	0.900
B75	27%	1.000
B62	14%	1.000
B72	14%	1.000
A33	11%	0.818
B5	7%	1.000
A68	7%	0.818
B50	7%	0.800
A32	5%	1.000
B15	5%	1.000
B54	5%	1.000
B56	5%	1.000
B81	5%	1.000
CW4	5%	0.941
CW8	5%	0.778
B65	5%	0.750

Methods:

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

*** 44 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: All

***** SERUM NO. 1053 ***** SERUM NO. 1054 *****

	%	%	B	B	B	B	B		%	%	B	B	B	B	B	
	POS	8'S	3	1	5	5	5		POS	8'S	5	3	5	5	1	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Claas, F.H.J.	39	100	+	+			+	B5	36	80		+		+	+	B5
Esteves Kond	43	89	+	+	+	+		B63, B76	5	0	+					(1)
Hogan, Patric	23	100	+	+	+	+	+		33	92	+	+	+	+		(1)
Permpikul &	31	91	+	+	+	+			26	100	+	+	+		A32	(1)
Suciu-Foca, N	29	43		+	+	+	+		38	67	+	+	+	+	+	(1)
Watson, Narel	11	67	+						28	88	+	+	+			(1)

***** SERUM NO.1053 ***** SERUM NO.1054 *****

*** 6 TYPING LABS ***

B35	83%	0.881
B18	83%	0.851
B51	67%	0.900
B52	67%	0.867
B53	50%	1.000
B5	17%	1.000
B63	17%	1.000
B76	17%	1.000

*** 6 TYPING LABS ***

B35	83%	1.000
B51	83%	0.947
B52	67%	0.909
B53	50%	1.000
B18	33%	0.981
A32	17%	1.000
B5	17%	1.000

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1053 ***** SERUM NO. 1054 *****

	%	%	B	B	B	B	B		%	%	B	B	B	B	B	
	POS	8'S	5	5	3	1	5		POS	8'S	5	5	5	4	3	1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Askar, Medhat	34	100	+	+	+	+	+		43	80	+	+	+	+	+	(2)
Dunn, Paul Dr	35	75	+	+	+	+		B57, B58	37	100	+	+	+	+	+	(2)
Lardy, N.M. D	38	100	+	+	+	+	+	B49	35	100	+	+	+	+	+	(2)

***** SERUM NO.1053 ***** SERUM NO.1054 *****

*** 3 TYPING LABS ***

B51	100%	1.000
B52	100%	1.000
B18	100%	0.875
B35	100%	0.800
B53	67%	1.000
B49	33%	1.000
B57	33%	1.000
B58	33%	1.000

*** 3 TYPING LABS ***

B18	100%	1.000
B35	100%	1.000
B49	100%	1.000
B51	100%	1.000
B52	100%	1.000
B53	100%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: NIH-ext

	SERUM NO. 1053										SERUM NO. 1054										METHOD					
	%	%	B 1	B 5	B 5	B 3	B 5	B 4	B 7	A 2	A 3	B 5	%	%	B 3	B 1	B 5	B 5	B 7	B 5		B 4	B 3	B 7	B 7	
	POS	8'S	8	2	1	5	3	9	8	5	2	9	POS	8'S	5	8	1	3	8	2	9	7	5	1		
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Alvarez & Ca	31	100	+	+	+	+							22	100	+	+	+								B65 (F-3)	
Askar,Medhat	91	100	+	+	+	+	+	+	+	+	+	+	92	100	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Baker,Judy	78	???	+	+	+	+	+	+	+	+	+	+	82	???											B63 (L-3)	
Cecka,J.Mich	78	100	+	+	+	+	+	+	+	+	+	+	80	100	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Charlton,Ron	96	???	+	+	+	+	+	+	+	+	+	+	90	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Cohen,JHM Pr	71	???	+	+	+	+	+	+	+	+	+	+	80	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Dunn,Paul Dr	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Eckels/CPMC,	78	???	+										89	???	+	+									A25,B12,B14> (LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Esteves-Kond	88	100	+	+	+	+							78	100	+	+	+	+	+	+	+	+	+	+	B62,B72 (F-3)	
Fort,Maryliss	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Gandhi,Manis	76	???	+	+	+	+	+	+	+	+	+	+	77	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Gautreaux,Mi	86	???	+	+	+	+							72	???	+	+	+	+	+						B57,A33,A68 (L-3)	
Gideoni,Osna	84	100	+	+	+	+	+	+	+	+	+	+	74	100	+	+									B62,B54,B72> (L-3)	
Hahn,Amy B.	39	???	+	+	+	+	+	+	+	+	+	+	51	???	+	+	+	+	+	+	+	+	+	+	B77,B63 (L-3)	
Hamdi,Nuha D	73	100		+									71	100	+	+	+								A30,CX14,A33> (L-3)	
Han,Hoon Dr	47	???		+	+	+	+	+	+				49	???	+	+	+	+	+	+	+	+	+	+	B76 (L-3)	
Hogan,Patric	29	???	+	+	+	+							29	???	+	+	+	+	+	+	+	+	+	+	B63,B72 (L-3)	
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Klein,Tirza	74	100	+	+	+	+	+	+	+	+	+	+	72	100	+	+	+	+						+	B62,B54,B63> (L-3)	
MacCann,Eile	94	???	+	+	+	+	+	+	+	+	+	+	90	???	+	+	+	+	+						B62,B63,B72 (L-3)	
Mah,Helen	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B72,B77 (L-3)	
McAlack-Hana	93	100	+	+	+	+	+	+	+	+	+	+	78	100	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
McCluskey,Ja	25	???	+										24	???	+	+	+	+	+						B15,A68,A33> (L-3)	
Meyer,Pieter	92	???	+										86	???	+	+									CW4,CW1,A3,A2> (L-3)	
Mpuntscha,Loy	34	???		+	+								49	???	+	+	+	+	+	+	+	+	+	+	+	B63 (L-3)
Ozawa,Mikki	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	B63 (L-3)	
Pais,Maria L	???	???	+	+	+	+							???	???	+	+	+	+	+	+	+	+	+	+	+	B63 (L-3)
Pancoska,Car	39	???	+	+	+	+	+	+	+	+	+	+	39	???	+	+	+	+	+	+	+	+	+	+	+	B63,B72 (L-3)
Pereira,Noem	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	B77,B63 (L-3)
Permpikul &	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	B72,A33,A68 (L-3)
Phelan,Donna	38	???	+										38	???	+	+	+									B5,B15,B21,B46> (L-3)
Ramon,Daniel	82	???	+	+	+	+	+	+	+	+	+	+	87	???	+	+	+	+	+	+	+	+	+	+	+	B63 (L-3)
Rosen-Bronso	94	8	+	+	+	+	+	+	+	+	+	+	84	8	+	+	+	+	+	+	+	+	+	+	+	B63 (L-3)
Sage,Deborah	90	???											100	???	+	+	+	+	+	+	+	+	+	+	+	A25,A26,A34,B5> (L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	B63 (L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	B63 (L-3)
Turner,E.V.	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	B37,B63 (L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1053 ***** SERUM NO.1054 *****

*** 39 TYPING LABS ***

B18	90%	1.000
B35	87%	1.000
B51	87%	1.000
B52	87%	1.000
B53	85%	1.000
B49	82%	1.000
A25	77%	1.000
B78	77%	1.000
A32	64%	1.000
B59	56%	1.000
B37	23%	1.000
B63	23%	1.000
A23	18%	1.000
A24	18%	1.000
B58	8%	1.000
A2	5%	1.000
B5	5%	1.000
B7	5%	1.000
B14	5%	1.000
B15	5%	1.000
B17	5%	1.000
B38	5%	1.000
B73	5%	1.000
CW4	5%	1.000

*** 39 TYPING LABS ***

B18	92%	0.957
B35	92%	0.936
B51	87%	1.000
B53	82%	1.000
B78	79%	1.000
B52	77%	0.974
B49	74%	1.000
B37	72%	1.000
B63	44%	1.000
B71	44%	1.000
B75	44%	1.000
B72	21%	1.000
A33	15%	0.867
B62	10%	1.000
A68	10%	0.875
B77	8%	1.000
A25	5%	1.000
B5	5%	1.000
B15	5%	1.000
B17	5%	1.000
B21	5%	1.000
B54	5%	1.000
B56	5%	1.000
B81	5%	1.000
CW8	5%	0.778

*** 39 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1053 ***** SERUM NO. 1054 *****

	SERUM NO. 1053										SERUM NO. 1054										METHOD				
	%	%	B 5	B 3	B 1	B 5	B 4	B 5	B 6	B 3	A 2	A 2	%	%	B 5	B 5	B 3	B 5	B 4	B 1		B 7	B 3	B 6	B 6
	POS	8'S	1	5	8	3	9	2	3	7	5	4	POS	8'S	3	1	5	2	9	8	1	7	3	2	
Cecka, J. Mich	50	33	+	+	+	+	+	+	+	+	+	44	50	+	+	+	+	+	+	+	+	+	+	(4)	
Eckels/CPMC,	45	???	+	+	+	+	+	+	+	+	+	50	???	+	+	+	+	+	+	+	+	+	+	B38, B44, B50 (4)	
Hahn, Amy B.	64	88	+	+	+	+	+	+	+	+	+	63	93	+	+	+	+	+	+	+	+	+	+	CW4 (4)	
Mah, Helen	45	100	+	+	+	+	+	+	+	+	+	64	100	+	+	+	+	+	+	+	+	+	+	B65 (4)	
Ramon, Daniel	69	???	+	+	+	+	+	+	+	+	+	71	???	+	+	+	+	+	+	+	+	+	+	B65, B77, B59 (4)	
Suciu-Foca, N	32	47	+	+	+	+	+	+	+	+	+	43	65	+	+	+	+	+	+	+	+	+	+	B21, B78 (4)	

***** SERUM NO.1053 ***** SERUM NO.1054 *****

*** 6 TYPING LABS ***

B18	100%	0.900
B35	100%	0.867
B51	100%	0.842
B49	83%	0.867
B53	83%	0.846
B52	67%	0.857
B63	50%	1.000
A25	33%	1.000
B37	33%	1.000
A24	33%	0.667
A23	17%	1.000
A32	17%	1.000
B57	17%	1.000
B59	17%	1.000
B62	17%	1.000
B65	17%	1.000
B75	17%	1.000
B77	17%	1.000
CW4	17%	1.000
A3	17%	0.900
B78	17%	0.833
B27	17%	0.750
B21	17%	0.600

*** 6 TYPING LABS ***

B53	100%	0.950
B51	100%	0.944
B35	100%	0.757
B18	83%	1.000
B49	83%	1.000
B52	83%	1.000
B71	50%	1.000
B37	50%	0.679
B62	33%	1.000
B63	33%	0.750
B38	17%	1.000
B44	17%	1.000
B50	17%	1.000
B72	17%	1.000
CW4	17%	0.938
B78	17%	0.833
B21	17%	0.800
B15	17%	0.667
B65	17%	0.667

*** 6 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: Antiglobulin

***** SERUM NO. 1053 ***** SERUM NO. 1054 *****

***** SERUM NO. 1053 *****										***** SERUM NO. 1054 *****										METHOD		
%	%	B	B	B	A	A	B	B	B	B	%	%	B	B	B	B	B	B	B		B	
POS	8'S	5	5	5	3	2	5	5	4	3	POS	8'S	7	7	5	5	5	3	6	3		
Esteves-Kond	66 13	+	+	+	+	+				+	A24,A23,B18,B78	52 33	+	+	+	+	+	+		B18,B62	(5)	
Hahn,Amy B.	29 ???	+	+	+	+	+	+	+		+	B63,B37	20 ???	+	+	+	+	+	+	+	+	B75,B78	(5)
Pancoska,Car	33 100	+	+	+	+	+	+	+	+	+		32 100	+	+	+	+	+	+	+	+	B49,B57	(5)

***** SERUM NO.1053 ***** SERUM NO.1054 *****

*** 3 TYPING LABS ***

A25	100%	1.000
A32	100%	1.000
B51	100%	1.000
B52	100%	1.000
B53	100%	1.000
B35	67%	1.000
B49	67%	1.000
B57	67%	1.000
B59	67%	1.000
A23	33%	1.000
A24	33%	1.000
B18	33%	1.000
B37	33%	1.000
B63	33%	1.000
B78	33%	1.000

*** 3 TYPING LABS ***

B35	100%	1.000
B51	100%	1.000
B52	100%	1.000
B53	100%	1.000
B71	100%	1.000
B72	100%	0.833
B37	67%	1.000
B63	67%	1.000
B49	33%	1.000
B57	33%	1.000
B75	33%	1.000
B78	33%	1.000
B18	33%	0.500
B62	33%	0.500

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: Elisa

*** 44 TYPING LABS ***

B35	93%	0.906
B53	77%	0.952
B51	68%	0.966
B78	52%	1.000
B18	41%	0.862
B75	36%	1.000
CX14	32%	1.000
B52	32%	0.950
CX18	30%	1.000
CW1	25%	1.000
CW9	25%	1.000
CW10	25%	1.000
B54	23%	1.000
B71	23%	1.000
B62	18%	0.923
CW4	16%	0.943
B72	14%	1.000
B55	9%	1.000
B77	9%	1.000
B15	7%	1.000
B46	7%	1.000
B56	7%	1.000
B60	7%	0.714
A25	5%	1.000
A33	5%	1.000
A68	5%	1.000
B5	5%	1.000
B37	5%	1.000
B49	5%	1.000
B50	5%	1.000
B61	5%	1.000
CW3	5%	0.891
B63	5%	0.750
B8	5%	0.667

*** 44 TYPING LABS ***

B35	93%	0.984
B51	89%	0.898
B53	77%	0.931
B18	68%	0.953
B78	52%	1.000
B52	52%	0.938
B37	50%	1.000
B75	48%	1.000
B72	43%	1.000
B71	41%	1.000
B62	16%	0.917
B15	11%	1.000
B77	9%	1.000
B50	7%	1.000
B54	7%	1.000
B56	7%	1.000
B63	7%	0.800
A68	5%	1.000
B5	5%	1.000
B17	5%	1.000
B46	5%	1.000
B49	5%	1.000
B55	5%	1.000
B70	5%	1.000
B73	5%	1.000
B76	5%	1.000
CW4	5%	1.000
CX14	5%	1.000

Methods:

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

*** 44 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: All

***** SERUM NO. 1055 ***** SERUM NO. 1056 *****

	%	%	B	B	B	B		%	%	B	B	B		METHOD
	POS	8'S	3	5	5	5		POS	8'S	1	5	3		
Claas, F.H.J.	31	73	+	+	+			26	63	+	+	+		(1)
Esteves Kond	5	0		+				26	67	+	+		B63	(1)
Hogan, Patric	11	43	+					29	79	+	+	+		(1)
Permpikul &	8	80	+					13	100	+	+			(1)
Suciu-Foca, N	12	33	+	+	+	+		12	67	+	+	+	B52	(1)
Watson, Narel	25	0	+	+		+	B18	20	88	+	+			(1)

***** SERUM NO.1055 ***** SERUM NO.1056 *****

*** 6 TYPING LABS ***

B35	83%	0.725
B51	67%	0.964
B52	33%	0.857
B53	33%	0.857
B18	17%	1.000

*** 6 TYPING LABS ***

B35	100%	0.980
B51	100%	0.862
B53	50%	0.800
B52	17%	0.800
B63	17%	0.667

*** 6 LABORATORIES REPLIED ***

Method: NIH-std

***** SERUM NO. 1055 ***** SERUM NO. 1056 *****

	%	%	B	B	B	B		%	%	B	B	B	B		METHOD
	POS	8'S	3	5	2	1		POS	8'S	3	1	5	2		
Askar, Medhat	20	100	+	+				23	100	+	+	+			(2)
Dunn, Paul Dr	25	100	+	+	+	+		32	80	+	+	+	+	B37	(2)
Lardy, N.M. D	25	100	+	+	+	+		19	100	+	+	+	+		(2)

***** SERUM NO.1055 ***** SERUM NO.1056 *****

*** 3 TYPING LABS ***

B35	100%	1.000
B53	100%	1.000
B51	67%	1.000
B52	67%	1.000

*** 3 TYPING LABS ***

B35	100%	1.000
B53	100%	1.000
B51	100%	0.714
B52	67%	1.000
B37	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: NIH-ext

	SERUM NO. 1055										SERUM NO. 1056										METHOD							
	%	%	B	B	B	B	X	X	B	C	C	W	C	%	%	B	B	B	B	B		B	B	B	B	B	B	
	POS	8'S	3	7	5	5	1	1	7	9	0	1	POS	8'S	5	8	1	8	3	7	2	5	1	2				
Al-Attas,Rab	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+	B77	(L-3)	
Alvarez & Ca	32	100	+			+							16	100	+	+	+									B49	(F-3)	
Askar,Medhat	94	100	+	+	+	+	+				+	+	95	100	+	+	+	+	+	+	+					B15	(L-3)	
Baker,Judy	69	???	+	+	+	+				+			73	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Cecka,J.Mich	???	100	+	+	+	+	+			+	+	+	73	100	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Charlton,Ron	98	???	+	+	+	+				+			88	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Cohen,JHM Pr	53	???	+	+	+	+				+			60	???	+	+	+	+	+	+	+	+	+	+	+	B15	(L-3)	
Dunn,Paul Dr	???	???	+	+	+	+	+				+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Eckels/CPMC,	97	???	+										87	???	+	+			+							B14,B16,B17>	(LF-3)	
Elkhalifa MD	???	???	+	+	+	+	+	+			+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Esteves-Kond	88	100	+		+					+			85	100	+	+	+		+	+	+	+	+	+	+	B62,B63	(F-3)	
Fort,Maryliss	???	???	+	+	+	+	+	+			+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Gandhi,Manis	77	???	+	+	+	+	+	+			+	+	78	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Gautreaux,Mi	98	???	+	+	+	+				+			90	???	+	+	+	+	+		+					B62,B63	(L-3)	
Gideoni,Osna	96	100	+	+									88	100	+	+	+	+		+			+			B54,B62,B55>	(L-3)	
Hahn,Amy B.	59	???	+	+	+	+	+	+			+	+	56	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Hamdi,Nuha D	60	100	+			+	+			+			73	100	+	+	+							+		B73,CW9,CX14>	(L-3)	
Han,Hoon Dr	45	???	+	+	+	+				+			40	???	+	+	+	+	+		+			+		B62,B76	(L-3)	
Hogan,Patric	39	???	+	+	+	+	+	+	+	+	+	+	B54	???	+	+	+	+	+	+	+	+	+	+	+	B62,B76	(L-3)	
Holdsworth,R	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Klein,Tirza	81	100	+	+									64	100	+	+	+			+		+				B54,B55,B56>	(L-3)	
MacCann,Eile	98	???	+	+	+					+			90	???	+	+	+	+	+	+	+	+	+	+	+		B62,B49	(L-3)
Mah,Helen	???	???	+	+	+	+				+			???	???	+	+	+	+	+	+	+	+	+	+	+		B62,B76	(L-3)
McAlack-Hana	85	100	+	+	+	+	+	+			+	+	86	100	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
McCluskey,Ja	39	???	+	+	+		+	+			+		20	???	+	+	+	+	+	+						B15,B54,B56>	(L-3)	
Meyer,Pieter	56	???	+				+				+		88	???	+			+								CW4,A1,CW1,A29>	(L-3)	
Mpuntsa,Loy	40	???	+	+	+	+	+	+			+	+	47	???	+	+	+	+			+	+	+	+	+		(L-3)	
Ozawa,Mikki	???	???	+	+	+	+				+			???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Pais,Maria L	???	???	+	+	+	+	+	+			+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Pancoska,Car	54	???	+	+	+	+				+			38	???	+	+	+	+	+	+	+	+	+	+	+		B15	(L-3)
Pereira,Noem	???	???	+	+	+	+	+	+			+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		B77	(L-3)
Permpikul &	???	???	+	+	+	+							???	???	+	+	+	+		+		+	+	+	+		B50,A30	(L-3)
Phelan,Donna	43	???	+										35	???	+	+		+	+								B5,B15,B21,B46>	(L-3)
Ramon,Daniel	84	???	+	+	+	+	+	+			+	+	80	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Rosen-Bronso	85	8	+	+	+	+	+	+			+	+	87	8	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Sage,Deborah	100	???	+										94	???	+					+							B5,B8,B14,B15>	(L-3)
Suciu-Foca,N	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		B62	(L-3)
Tagliere,Jac	???	???	+	+	+	+	+	+	+	+	+	+	???	???	+	+	+	+	+	+	+	+	+	+	+		(L-3)	
Turner,E.V.	???	???	+	+	+	+				+			???	???	+	+	+	+	+	+	+	+	+	+	+		B62	(L-3)

(3) - L-Luminex, F-Flow

***** SERUM NO.1055 ***** SERUM NO.1056 *****

*** 39 TYPING LABS ***

B35	95%	1.000
B78	82%	1.000
B53	82%	0.950
B51	74%	0.976
CX14	54%	1.000
B75	49%	1.000
CX18	49%	1.000
CW1	46%	1.000
CW9	46%	1.000
CW10	46%	0.931
B18	44%	0.917
B54	31%	1.000
B52	26%	1.000
B71	26%	1.000
CW4	23%	0.929
B72	18%	1.000
B62	18%	0.917
B15	10%	1.000
B55	10%	1.000
B77	10%	1.000
A33	8%	1.000
A68	8%	1.000
B37	8%	1.000
B39	8%	1.000
B56	8%	1.000
A69	5%	1.000
B5	5%	1.000
B13	5%	1.000
B46	5%	1.000
B49	5%	1.000
B60	5%	1.000
B61	5%	1.000
CW3	5%	0.891
B8	5%	0.667

*** 39 TYPING LABS ***

B35	95%	1.000
B18	95%	0.981
B51	85%	0.979
B78	82%	1.000
B53	79%	0.974
B37	74%	1.000
B72	69%	1.000
B71	67%	1.000
B75	67%	1.000
B52	62%	1.000
B62	26%	0.933
B15	15%	1.000
B76	10%	1.000
B17	8%	1.000
B54	8%	1.000
B56	8%	1.000
B77	8%	1.000
A68	5%	1.000
B5	5%	1.000
B14	5%	1.000
B16	5%	1.000
B21	5%	1.000
B49	5%	1.000
B50	5%	1.000
B55	5%	1.000
B63	5%	1.000
B70	5%	1.000
B73	5%	1.000
CX14	5%	1.000

*** 39 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: Luminex/Flow

***** SERUM NO. 1055 ***** SERUM NO. 1056 *****

	% POS 8'S		B 3	B 5	B 5	C W	B 7	B 5	B 1	% POS 8'S		B 5	B 5	B 3	B 5	B 1	B 7	B 5	METHOD
	18	25	+	+			+	+		12	0	+	+			+	+		
Cecka, J. Mich	18	25	+	+			+	+		12	0	+	+			+	+		(4)
Eckels/CPMC,	15	???	+	+					B62	15	???	+	+	+		+	+	B65	(4)
Hahn, Amy B.	41	100	+	+	+	+				44	94	+	+	+	+	+	+	CW4	(4)
Mah, Helen	47	100	+	+	+	+			B48, A25, A66, A26, A24, B60	52	100	+	+	+	+	+	+	B27, B13, A11	(4)
Ramon, Daniel	50	???	+	+	+		+	+	B46, B75, B50, B77	41	???	+	+	+	+	+	+	B46, B77	(4)
Suciu-Foca, N	17	11	+		+			+		26	71	+	+	+	+			B15	(4)

***** SERUM NO.1055 ***** SERUM NO.1056 *****

*** 6 TYPING LABS ***

B35	100%	1.000
B53	83%	1.000
B51	67%	1.000
B52	33%	1.000
B71	33%	1.000
CW4	33%	0.933
B18	33%	0.500
A25	17%	1.000
A66	17%	1.000
B46	17%	1.000
B48	17%	1.000
B50	17%	1.000
B62	17%	1.000
B75	17%	1.000
B77	17%	1.000
A24	17%	0.786
B60	17%	0.600
A26	17%	0.250

*** 6 TYPING LABS ***

B53	100%	0.900
B51	100%	0.857
B35	83%	0.952
B52	67%	0.846
B18	50%	0.833
B50	33%	1.000
B75	33%	1.000
B46	17%	1.000
B65	17%	1.000
B77	17%	1.000
CW4	17%	1.000
B15	17%	0.600
A11	17%	0.571
B13	17%	0.500
B27	17%	0.500

*** 6 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: Antiglobulin

***** SERUM NO. 1055 ***** SERUM NO. 1056 *****

	%	%	B	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B		METHOD					
	POS	8'S	7	7	5	5	3	7	7	5	5	2	6	1	7	7	5	5	5	3	7	3	1			
Esteves-Kond	36	33	+	+	+	+	+					+		B54	36	33	+	+	+	+	+	+		+	(5)	
Hahn, Amy B.	10	???	+	+	+	+	+	+	+	+	+	+	+	B63	26	???	+	+	+	+	+	+	+	+	B63, B78	(5)
Pancoska, Car	18	0	+	+	+	+	+	+	+	+	+	+	+	B49, B59	22	100	+	+	+	+	+	+	+	+	B62	(5)

***** SERUM NO.1055 ***** SERUM NO.1056 *****

*** 3 TYPING LABS ***

B35	100%	1.000
B52	100%	1.000
B53	100%	1.000
B71	100%	1.000
B78	100%	1.000
B51	67%	1.000
B56	67%	1.000
B72	67%	1.000
B75	67%	1.000
B49	33%	1.000
B54	33%	1.000
B59	33%	1.000
B63	33%	1.000

*** 3 TYPING LABS ***

B35	100%	1.000
B53	100%	1.000
B52	100%	0.875
B72	100%	0.857
B71	100%	0.833
B51	100%	0.412
B37	67%	1.000
B75	67%	1.000
B18	67%	0.667
B62	33%	1.000
B63	33%	1.000
B78	33%	1.000

*** 3 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: AUG 3 2011 *****

Method: Elisa

INVESTIGATOR		DNA EXTRACT #517 (Caucasian)						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*01:01:01		*37:01:01		*06:02:01		SBT, RVSSO
4691	Ajlan, Abdula	*01	*01	*37	*37	*06	*06	SSO
5133	Baker, Judy	*01:01		*37:01		*06:02/46N/55		
4345	Blasczyk, Rai	*01:01:01G		*37:01:01		*06:02P		PCR-SBT
785	Chan, Soh Ha	*0101/04N/22N/32/34N/37/45		*3701		*0602		SBT
3224	Chen, Dongfen	*01:01		*37:01		*06:02		SBT, RVSSOP
8021	Clark, Brenda	*01:01-04N+		*37:01/03N-05+		*06:02-07+		PCR-SSP
5219	Daniel, Dolly	*01	*01	*37	*37			PCR-SSOP
5323	Dhaliwal, J.S	*0101	*0101	*37		*06:02	*06:02	PCR-SSP, SSO
5891	Du, Keming	*01:01	*01:01	*37:01	*37:01	*06:02	*06:02	PCR-SBT
3766	Dunn, Paul	*01		*37		*06		PCR-SSO
4251	Ellis, Thomas	*01:01:01G	*01:01:01G	*37:01	*37:01	*06:02	*06:02	PCR-RSSO, SBT
3135	Enczmann, J.	*01:01		*37:01		*06:02		SBT, PCR-SSO
762	Fischer&Mayr	*01:01/04N/22N/32/34N/37/45/56N		*37:01/23		*06:02		RSSO, SSP, SBT
234	Gomez, Carmen	*01		*37		*06		
5195	Gomez, Carmen	*01		*37		*06	*06	SSOP
1694	Gottwald&Hes	*01		*37		*06		SSP
1461	Hidajat, Mela	*01:01		*37:01		*06:02		SSO, SSP
615	Holdsworth, R	*01:01:01G		*37:01:01G		*06:02:01G		
745	Holman, Richa	*01:01:01:01		*37:01:01		*06:02:01		SSO, SSP, SBT
2344	Hurley&Hartz	*01:01:01:01/01:01:02N+	*01:01:01:01/01:01:02N+	*37:01:01/23	*37:01:01/23	*06:02:01:01+	*06:02:01:01+	SBT, SSOP
2847	Kihara, Masaa	*01		*37		*06		RVSSO
87	Land, Geoff	*01:01	*01:01	*37:01	*37:01	*06:02	*06:02	SBT, SSP, SSO
278	Lee, Jar-How	*01:01		*37:01		*06:02		SSP, RVSSOP
640	Lee, Kyung Wh	*01:01		*37:01		*06:02		PCR-SBT
1108	Linke, Robert	*01	*01	*37	*37	*06	*06	RVSSOP
9916	McIntyre, Joh	*01:01:01:01		*37:01:01		*06:02/38-45		SSP, SBT
8042	Muncher, Lior	*01:01		*37:01		*06:02		SSOP, SSP
9001	Muncher_LR	*01		*37		*06		SSOP, SSP
8022	Olerup, Olle	*01:01	*01:01/45	*37:01		*06:02		SSP
3648	Pereira, Noem	*01:01		*37:01		*06:02		RSSO, SSP, SBT
3966	Permpikul&Ve	*01	*01	*37	*37	*06	*06	PCR-SSP
2400	Phelan, Donna	*01:01/01N		*37:01		*06:02		RSSO, SBT, SSP
735	Ramon, Daniel	*01	*01	*37	*37	*06	*06	SSOP
3753	Reed, Elaine	*01:01	*01:01	*37:01	*37:01	*06:02	*06:02	SBT
3798	Reinsmoen, N	*01:01:01/01N		*37:01:01		*06:02:01		PCR-SSO, SBT
4948	Sage, Deborah	*01:01		*37:01		*06:02		SSO, SBT
3545	Scornik, Juan	*01:01/01N		*37:01		*06:02		SSOP, SBT
746	Stamm, Luz	*01:01		*37:01		*06:02		SSO, SSP, SBT
13	Tagliere, Jac	*01:01		*37:01		*06:02		SSP
4021	Trachtenberg	*01		*37		*06		SSO
5462	Turner, E.V.	*01:01:01:01/01:01:02N		*37:01:01		*06:02:01G		SEQ, SSO, SSP

INVESTIGATOR		DNA EXTRACT #518 (Japanese)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*02:01:01	*02:06:01	*40:01/53	*40:06:01/74	*03	*08	SBT, RVSSO
4691	Ajlan, Abdula	*02	*02	*40	*40	*03	*08	SSO
5133	Baker, Judy	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	
4345	Blasczyk, Rai	*02:01:01G	*02:06P	*40:01P	*40:06P	*03:04P	*08:01P	PCR-SBT
785	Chan, Soh Ha	*0201/09/43N/66+	*0206	*4001/53/55	*4006/74	*0304	*0801/20/22/24	SBT
3224	Chen, Dongfen	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01/22	SBT, RVSSOP
8021	Clark, Brenda	*02:01+	*02:06+	*40:01:01-01:05/08+	*40:02/04/06+	*03:02/04:01+	*08:01/03/06+	PCR-SSP
5219	Daniel, Dolly	*02	*02	*40	*40			PCR-SSOP
5323	Dhaliwal, J.S	*0201	*0206	*40(B60)	*40(B61)	*03:24	*08:01/20	PCR-SSP, SSO
5891	Du, Keming	*02:01	*02:06	*40:01/53	*40:06/74	*03:04	*08:01/22	PCR-SBT
3766	Dunn, Paul	*02:01+	*02:06+	*40	*40:06/53/70/83+	*03	*08	SSO
4251	Ellis, Thomas	*02:01:01G	*02:06	*40:01/53	*40:06/74	*03:04	*08:01:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*02:01/01L	*02:06	*40:01	*40:06	*03:04	*08:01	SBT, PCR-SSO
762	Fischer&Mayr	*02:01/01L/09/43N+	*02:06/126	*40:01/141/55	*40:06	*03:04	*08:01/20/22/24	RSSO, SSP, SBT
234	Gomez, Carmen	*02		*40		*03	*08	
5195	Gomez, Carmen	*02	*02	*40:01	*40	*03	*08	SSOP
1694	Gottwald&Hes	*02		*40		*03	*08	SSP
1461	Hidajat, Mela	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	SSO, SSP
615	Holdsworth, R	*02:01:01G	*02:06:01G	*40:01:01G	*40:06:01G	*03:04:01G	*08:01:01G	
745	Holman, Richa	*02:01:01	*02:06:01	*40:01	*40:06:01	*03:04/92	*08:01/41	SSO, SSP, SBT
2344	Hurley&Hartz	*02:01:01:01+	*02:06:01/126	*40:01:01/01:02+	*40:06:01:01+	*03:04:01:01+	*08:01:01+	SBT, SSOP
2847	Kihara, Masaa	*02	*02	*40	*40	*03	*08	RVSSO
87	Land, Geoff	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	SBT, SSP, SSO
278	Lee, Jar-How	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	SSP, RVSSOP
640	Lee, Kyung Wh	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01/22	PCR-SBT
1108	Linke, Robert	*02	*02	*40	*40	*03	*08	RVSSOP
9916	McIntyre, Joh	*02:01:01	*02:06:01	*40:01	*40:06:01	*03:04/78/82/90+	*08:01/20/22+	SBT, SSP
8042	Muncher, Lior	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	SSOP, SSP
9001	Muncher_LR	*02		*40		*03	*08	SSOP, SSP
8022	Olerup, Olle	*0201	*02:06/144	*40:01	*40:06	*03:04	*08:01	SSP
3648	Pereira, Noem	*02:01/01L	*02:06	*40:01//*40:53	*40:06//*40:74	*03:04	*08:01P	RSSO, SSP, SBT
3966	Permpikul&Ve	*02:01	*02:06	*40	*40	*03	*08	PCR-SSP
2400	Phelan, Donna	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	RSSO, SBT, SSP
735	Ramon, Daniel	*02	*02	*40	*40	*03	*08	SSOP
3753	Reed, Elaine	*02:01	*02:06	*40:01/53	*40:06/74	*03:04/35/92	*08:01/22/41/44	SBT
3798	Reinsmoen, N	*02:01:01/01L	*02:06:01	*40:01	*40:06:01	*03:04:01	*08:01:01/22	PCR-SSO, SBT
4948	Sage, Deborah	*02:01/201	*02:06	*40:01/53	*40:06/74	*03:04/35/92	*08:01/22/41/44	SSO, SBT
3545	Scornik, Juan	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01/22	SSOP, SBT
746	Stamm, Luz	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	SSO, SSP, SBT
13	Tagliere, Jac	*02:01	*02:06	*40:01	*40:06	*03:04	*08:01	SSP
4021	Trachtenberg	*02	*02	*40	*40	*03	*08	SSO
5462	Turner, E.V.	*02:01:01G	*02:06:01	*40:01:01/01:02/53	*40:06:01G/74	*03:04:01	*08:01:01	SEQ, SSO, SSP

INVESTIGATOR		DNA EXTRACT #519 (Caucasian)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*03	*25	*37:01:01	*47:01:01	*06:02:01		SBT, RVSSO
4691	Ajlan, Abdula	*03	*25	*37	*47	*06	*06	SSO
5133	Baker, Judy	*03:01	*25:01	*37:01	*47:01	*06:02/46N/55		
4345	Blasczyk, Rai	*03:01:01G	*25:01P	*37:01:01	*47:01P	*06:02P		PCR-SBT
785	Chan, Soh Ha	*03	*2501-03/07/10+	*3701	*4701	*0602		SBT
3224	Chen, Dongfen	*03:01	*25:01	*37:01	*47:01	*06:02		SBT, RVSSOP
8021	Clark, Brenda	*03:01-04/07+	*25:01:01/05/07+	*37:01/03N-05+	*47:01-05	*06:02-07+		PCR-SSP
5219	Daniel, Dolly	*03	*25	*37	*47			PCR-SSOP
5323	Dhaliwal, J.S	*0301	*2501/07	*37	*47	*06:02	*06:02	PCR-SSP, SSO
5891	Du, Keming	*03:01/08/12	*25:01-03	*37:01	*47:01	*06:02	*06:02	PCR-SBT
3766	Dunn, Paul	*03	*25	*37	*47:01/06/07	*06		PCR-SSO
4251	Ellis, Thomas	*03:01:01G	*25:01	*37:01	*47:01	*06:02	*06:02	PCR-RSSO, SBT
3135	Enczmann, J.	*03:01	*25:01	*37:01	*47:01	*06:02		SBT, PCR-SSO
762	Fischer&Mayr	*03:01/01N/20/21N+	*25:01/07	*37:01/23	*47:01	*06:02		RSSO, SSP, SBT
234	Gomez, Carmen	*03	*25	*37	*47	*06		
5195	Gomez, Carmen	*03	*25	*37	*47:05	*06	*06	SSOP
1694	Gottwald&Hes	*03	*25	*37	*47	*06		SSP
1461	Hidajat, Mela	*03:01	*25:01	*37:01	*47:01	*06:02		SSO, SSP
615	Holdsworth, R	*03:01:01G	*25:01:01G	*37:01:01G	*47:01:01G	*06:02:01G		
745	Holman, Richa	*03:01:01	*25:01:01	*37:01:01	*47:01:01	*06:02:01		SSO, SSP, SBT
2344	Hurley&Hartz	*03:01:01:01+	*25:01:01/07	*37:01:01/23	*47:01:01:01+	*06:02:01:01+	*06:02:01:01+	SBT, SSOP
2847	Kihara, Masaa	*03	*25	*37	*47	*06		RVSSO
87	Land, Geoff	*03:01	*25:01	*37:01	*47:01	*06:02	*06:02	SBT, SSP, SSO
278	Lee, Jar-How	*03:01/37/45/48+	*25:01/07/12N/14+	*37:01/15/17/18/23/24	*47:01	*06:02/37-39/41/42/45		SSP, RVSSOP
640	Lee, Kyung Wh	*03:01	*25:01	*37:01	*47:01	*06:02		PCR-SBT
1108	Linke, Robert	*03	*25	*37	*47	*06	*06	RVSSOP
9916	McIntyre, Joh	*03:01:01:01	*25:01:01	*37:01:01	*47:01:01:01	*06:02/38-45		SSP, SBT
8042	Muncher, Lior	*03:01	*25:01	*37:01	*47:01	*06:02		SSOP, SSP
9001	Muncher_LR	*03	*25	*37	*47	*06		SSOP, SSP
8022	Olerup, Olle	*03:01	*25:01	*37:01/06	*47:01	*06:02		SSP
3648	Pereira, Noem	*03:01//*03:56//+	*25:01//*2510//+	*37:01	*47:01	*06:02		RSSO, SBT, SSP
3966	Permpikul&Ve	*03	*25	*37	*47:01	*06	*06	PCR-SSP
2400	Phelan, Donna	*03:01/01N	*25:01	*37:01	*47:01	*06:02		RSSO, SBT, SSP
735	Ramon, Daniel	*03	*25	*37	*47	*06	*06	SSOP
3753	Reed, Elaine	*03:01/08/12/56+	*25:01-03/10/13	*37:01	*47:01	*06:02	*06:02	SBT
3798	Reinsmoen, N	*03:01:01/01N	*25:01:01	*37:01:01	*47:01:01	*06:02:01		PCR-SSO, SBT
4948	Sage, Deborah	*03:01/12/56/63	*25:01/03/10/13	*37:01	*47:01	*06:02		SSO, SBT
3545	Scornik, Juan	*03:01/01N	*25:01	*37:01	*47:01	*06:02		SSOP, SBT
746	Stamm, Luz	*03:01	*25:01	*37:01	*47:01	*06:02		SSO, SSP, SBT
13	Tagliere, Jac	*03:01	*25:01	*37:01	*47:01	*06:02		SSP
4021	Trachtenberg	*03	*25	*37	*47:01	*06		SSO
5462	Turner, E.V.	*03:01:01G	*25:01:01	*37:01:01	*47:01:01	*06:02:01		SEQ, SSO, SSP

INVESTIGATOR		DNA EXTRACT #520 (Chinese)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*02:07	*24:02:01:02L	*08	*46	*01:02/17	*07:02/39/50	SBT, RVSSO
4691	Ajlan, Abdula	*02	*24	*08	*46	*01	*07	SSO
5133	Baker, Judy	*02:07	*24:02L	*08:01	*46:01	*01:02	*07:02	
4345	Blasczyk, Rai	*02:07G	*24:02:01G	*08:01:01G	*46:01:01G	*01:02P	*07:02P	PCR-SBT
785	Chan, Soh Ha	*0207/15N/112	*2402/09N/11N/40N+	*0801/12/19N/53	*4601/09/12/15N	*0102/11/17/22+	*0702/37/39/50+	SBT
3224	Chen, Dongfen	*02:07	*24:02:01:02L	*08:01	*46:01	*01:02	*07:02/50	SBT, RVSSOP
8021	Clark, Brenda	*02:01:01+	*24:02/03/07+	*08:01/06-08N+	*46:01-05/07N+	*01:02/03/06-11+	*07:02/03/10+	PCR-SSP
5219	Daniel, Dolly	*02	*24	*08	*46			PCR-SSOP
5323	Dhaliwal, J.S	*0207/15N	*2402	*08	*46	*01:02	*07:02	PCR-SSP, SSO
5891	Du, Keming	*02:07/112/25	*24:02/03/28	*08:01/12/53	*46:01/12/09	*01:02	*07:02/50	PCR-SBT
3766	Dunn, Paul	*02	*24:02L	*08	*46	*01	*07	PCR-SSO
4251	Ellis, Thomas	*02:07	*24:02P	*08:01	*46:01	*01:02	*07:02:01G	PCR-RSSO, SBT
3135	Enczmann, J.	*02:07	*24:02L	*08:01	*46:01	*01:02	*07:02	SBT, PCR-SSO
762	Fischer&Mayr	*02:07/15N/265	*24:02L/02/40N/76+	*08:01/19N	*46:01/15N/24	*01:02/25	*07:02/50/66/74	RSSO, SSP, SBT
234	Gomez, Carmen	*02	*24	*08	*46	*01	*07	
5195	Gomez, Carmen	*02	*24:02L	*08:33	*46:12	*01	*07	SSOP
1694	Gottwald&Hes	*02	*24	*08	*46	*01	*07	SSP
1461	Hidajat, Mela	*02:07	*24:02:01:02L	*08:01	*46:01	*01:02	*07:02	SSO, SSP
615	Holdsworth, R	*02:07:01G	*24:02L	*08:01:01G	*46:01:01G	*01:02:01G	*07:02:01G	
745	Holman, Richa	*02:07	*24:02:01:02L	*08:01:01	*46:01:01	*01:02:01	*07:02:01	SSO, SSP, SBT
2344	Hurley&Hartz	*02:07/15N/265	*24:02:01:01+	*08:01:01+	*46:01:01/15N/24	*01:02:01/02:02+	*07:02:01:01+	SBT, SSOP
2847	Kihara, Masaa	*02	*24	*08	*46	*01	*07	RVSSO
87	Land, Geoff	*02:07	*24:02	*08:01	*46:01	*01:02	*07:02	SBT, SSP, SSO
278	Lee, Jar-How	*02:07	*24:02:01:02L	*08:01	*46:01	*01:02	*07:02	SSP, RVSSOP
640	Lee, Kyung Wh	*02:07	*24:02	*08:01	*46:01	*01:02	*07:02/50	PCR-SBT
1108	Linke, Robert	*02	*24	*08	*46	*01	*07	RVSSOP
9916	McIntyre, Joh	*02:07	*24:02:01:02L	*08:01:01	*46:01:01	*01:02/38-40	*07:02/66/100+	SSP, SBT
8042	Muncher, Lior	*02:07	*24:02	*08:01	*46:01/20	*01:02	*07:02	SSOP, SSP
9001	Muncher_LR	*02	*24	*08	*46	*01	*07	SSOP, SSP
8022	Olerup, Olle	*02:07	*24:02:01:02L	*08:01	*46:01	*01:02	*07:02	SSP
3648	Pereira, Noem	*02:07	*24:02L	*08:01	*46:01	*01:02// *01:17	*07:02P// *07:39	RSSO, SSP, SBT
3966	Permpikul&Ve	*02:07	*24	*08	*46	*01	*07	PCR-SSP
2400	Phelan, Donna	*02:07	*24:02	*08:01	*46:01	*01:02	*07:02/50	RSSO, SBT, SSP
735	Ramon, Daniel	*02	*24	*08	*46	*01	*07	SSOP
3753	Reed, Elaine	*02:07/112/255	*24:02/03/28	*08:01/12/53	*46:01/09/12	*01:02/17/22	*07:02/37/39/50	SBT
3798	Reinsmoen, N	*02:07	*24:02:01:02L	*08:01:01	*46:01:01	*01:02	*07:02:01/50	PCR-SSO, SBT
4948	Sage, Deborah	*02:07/112/255	*24:02/03/28	*08:01/53	*46:01/09	*01:02/17/22	*07:02/37/39/50	SSO, SBT
3545	Scornik, Juan	*02:07	*24:02L	*08:01/39	*46:01	*01:02	*07:02/50	SSOP, SBT
746	Stamm, Luz	*02:07	*24:02L	*08:01	*46:01	*01:02	*07:02	SSO, SSP, SBT
13	Tagliere, Jac	*02:07	*24:02L	*08:01	*46:01	*01:02	*07:02	SSP
4021	Trachtenberg	*02	*24	*08	*46	*01	*07	SSO
5462	Turner, E.V.	*02:07	*24:02:01G/02:40	*08:01:01	*46:01:01	*01:02:01/02:11+	*07:02:01G/39	SEQ, SSO, SSP

Extract 517 (Caucasian)
42 labs
A*01 38%
A*01:01 41%
A*0101 2%
A*01:01:01 7%
A*01:01:01G 7%
A*01:01:01:01 5%
A*01 100% TOTAL

Extract 518 (Japanese)
42 labs
A*02 38%
A*02:01 38%
A*0201 5%
A*02:01:01 10%
A*02:01:01G 9%
A*02 100% TOTAL

Extract 519 (Caucasian)
42 labs
A*03 52%
A*03:01 29%
A*0301 2%
A*03:01:01 5%
A*03:01:01G 10%
A*03:01:01:01 2%
A*03 100% TOTAL

Extract 520 (Chinese)
42 labs
A*02 46%
A*02:07 50%
A*02:07:01G 4%
A*02 100% TOTAL

A*02 36%
A*02:06 43%
A*0206 5%
A*02:06P 2%
A*02:06:01 12%
A*02:06:01G 2%
A*02 100% TOTAL

A*25 55%
A*25:01 31%
A*25:01P 2%
A*25:01:01 10%
A*25:01:01G 2%
A*25 100% TOTAL

A*24 43%
A*24:02 10%
A*2402 2%
A*24:02P 2%
A*24:02L 22%
A*24:02:01:02L 19%
A*24:02:01G 2%
A*24 100% TOTAL

42 labs
B*37 38%
B*37:01 43%
B*3701 2%
B*37:01:01 15%
B*37:01:01G 2%
B*37 100% TOTAL

42 labs
B*40 41%
B*40:01/53 14%
B*40:01 41%
B*40:01P 2%
B*40:01:01G 2%
B*40 100% TOTAL

42 labs
B*37 43%
B*37:01 38%
B*3701 2%
B*37:01:01 15%
B*37:01:01G 2%
B*37 100% TOTAL

42 labs
B*08 50%
B*08:01 33%
B*08:01:01 10%
B*08:01:01G 5%
B*08:33 2%
B*08 100% TOTAL

B*40 36%
B*40:06/74 12%
B*4006/74 2%
B*40:06:01/74 2%
B*40:06 36%
B*40:06P 2%
B*40:06:01 7%
B*40:06:01G 3%
B*40 100% TOTAL

B*47 26%
B*47:01 53%
B*4701 2%
B*47:01P 2%
B*47:01:01 10%
B*47:01:01G 3%
B*47:01:01:01 2%
B*47:05 2%
B*47 100% TOTAL

B*46 50%
B*46:01 33%
B*46:01:01 10%
B*46:01:01G 5%
B*46:12 2%
B*46 100% TOTAL

41 labs
C*06 37%
C*06:02 47%
Cw*0602 2%
C*06:02P 2%
C*06:02:01 7%
C*06:02:01G 5%
C*06 100% TOTAL

41 labs
C*03 44%
C*03:04 42%
Cw*0304 2%
C*03:04P 2%
C*03:04:01 5%
C*03:04:01G 3%
C*03:24 2%
C*03 100% TOTAL

41 labs
C*06 39%
C*06:02 44%
Cw*0602 2%
C*06:02P 2%
C*06:02:01 10%
C*06:02:01G 3%
C*06 100% TOTAL

41 labs
C*01 51%
C*01:02 42%
C*01:02P 2%
C*01:02:01 3%
C*01:02:01G 2%
C*01 100% TOTAL

C*08 51%
C:08:01/22 10%
C:08:01:01/22 2%
C:08:01 25%
C:08:01P 5%
C:08:01:01 2%
C:08:01:01G 5%
C*08 100% TOTAL

C*07 51%
C*07:02/50 12%
C*07:02:01/50 3%
C*07:02 24%
C*07:02P 2%
C*07:02:01 3%
C*07:02:01G 5%
C*07 100% TOTAL

CTR	INVESTIGATOR NAME	CELL NO.1429 (Hispanic)	A1	A2	B1	B2	C1	C2	method
8070	Ahn, Jaeie		*02	*23	*38	*51	*12	*16	PCR-SSP
16	Askar, Medhat		*02:01:01	*23:01:01/17	*38:01:01	*51:08	*12:03:01	*16:02:01	RSSO, SBT, SSP
774	Cecka, J. Mich		*02	*23	*38	*51:08/09/19+	*12	*16	SSP
5232	Charlton, Ron		*02:01	*23:01	*38:01	*51:08	*12:03	*16:02	SSO, SSO
4492	Charron, D.		*02	*23	*38	*51	*12	*16	
798	Claas, F. H. J.		*02:01:01	*23:01/17	*38:01:01	*51:08	*12:03:01:01	*16:02:01	SBT, SSP
3632	Colombe, Beth		*02:01	*23:01	*38:01	*51:08	*12:03	*16:02	SSP, SSOP
5130	Costeas, Paul		*02:01	*23:01	*38:01	*51:08	*12:03/04	*16:01/02	SSO, SSP
779	Daniel, Claud		*02	*23	*38	*51	*12	*16	PCR-SSP
8052	Del Pozo, Ana		*02	*23	*38	*51:08	*12	*16	PCR-SSO
3766	Dunn, Paul		*02	*23	*38	*51:08	*12	*16	SSO
5214	Eckels/CPMC		*02	*23	*38	*51:08	*12	*16	SSOP
4251	Ellis, Thomas		*02:01:01G	*23:01:01G	*38:01	*51:08	*12:03-05	*16:01/02/15	PCR-RVSSO, SBT
762	Fischer&Mayr		*02:01/01L/09/43N/66+	*23:01/07N/17/18+	*38:01	*51:08	*12:03/23	*16:02	RSSO, SSP, SBT
792	Gandhi, Manis		*02:01	*23:01	*38:01	*51:08	*12:03/04	*16:01/02	SSO, SSP
810	Hamdi, Nuha		*02:01	*23:01	*38:01	*51:08	*12:02	*16:01	SSO
4269	Hanau, Daniel		*02:01:01:01/01:01:02L	*23:01:01	*38:01:01	*51:08	*12:03:01	*16:02:01	SBT
3808	Hogan, Patric		*02	*23	*38	*51:08/20/36/97	*12:03+	*16:02/09/12/19	
745	Holman, Richa		*02:01:01	*23:01:01	*38:01:01	*51:08	*12:03/04	*16:01/02	SSO, SSP, SBT
771	Israel, Shosh		*02:01	*23:01	*38:01	*51:08	*12:03	*16:02	PCR-SSP, SBT
9003	Israel_LR		*02	*23	*38	*51	*12	*16	PCR-SSO
859	Kamoun, Malek		*02:01	*23:01	*38:01	*51:08	*12:03	*16:02	PCR-SBT, SSP
4337	Kim, Tai-Gyu		*02:01/09/43N/66/75+	*23:01/07N/17/18+	*38:01	*51:08	*12:03/23	*16:02	SBT
168	Klein, Tirza		*02:01	*23:01	*38:01	*51:08	*12:03	*16:02	PCR-SSP, SSO
9000	Klein_LR		*02	*23	*38	*51	*02	*16	PCR-SSP, SSO
278	Lee, Jar-How		*02:01	*23:01	*38:01	*51:08	*12:03	*16:02	SSP, RVSSOP
6649	Lim, Young Ae		*02	*23	*38	*51	*12	*16	SSP
731	Loewenthal, R		*02	*23	*38	*51:08	*12:03:01/05	*16:02:01/15:01	SBT, SSO
759	Lopez-Cepero		*02:01/07/09/15N/18+	*23:01/03/05-07N+	*38:01/09/13+	*51:08	*12:02-06+	*16:02/01/07+	RVSSO
23	Mah, Helen		*02	*23	*38	*51:08	*12	*16	SSO, SSP
8029	Mani, Rama		*02	*23	*38	*51			PCR-SSP
206	McAlack-Hana		*02	*23	*38	*51:08	*12	*16	RVSSOP
8001	Rao, Prakash		*02	*23	*38	*51	*12	*16	RVSSOP, SSP
3625	Rees, Tracey		*02:01	*23:01/17	*38:01	*51:08	*12:03/23	*16:02	PCR-SSP, SBT
5200	Reinke, Denni		*02	*23	*38	*51	*12	*16	SSP
1160	Rosen-Bronso		*02	*23	*38	*51	*12	*16	RVSSO, SSP
793	Rubocki, Ron		*02	*23	*38	*51	*12	*16	SSP
3519	Semana, Gilbe		*02:01	*23:01	*38:01	*51:08	*12:03/04	*16:02/01	SBT, PCR-SSP
769	Tavoularis, S		*02:01	*23:01	*38:01	*51:08	*12:03-05	*16:01/02/15	SSO, SBT, SSP
747	Tiercy, Jean-		*02:01:01G	*23:01	*38:01	*51:08	*12:03	*16:02	P-SSO, SSP, SBT
5451	Tilanus, Marc		*02:01:01	*23:01:01	*38:01:01	*51:08	*12:03:01	*16:02	SBT
5462	Turner, E. V.		*02:01:01G	*23:01:01/17	*38:01:01	*51:08	*12:03:01G/05	*16:02:01/15:01	SEQ, SSO, SSP

INVESTIGATOR		CELL NO.1430 (Hispanic)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
8070	Ahn, Jaeie	*03	*33	*14	*35	*04	*08	PCR-SSP
16	Askar, Medhat	*03:02	*33:01:01	*14:02:01	*35:01/42	*04:01:01	*08:02:01	RSSO, SBT, SSP
774	Cecka, J. Mich	*03	*33	*14:02-04/06/09+	*35	*04	*08	SSP
5232	Charlton, Ron	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SSP, SSO
4492	Charron, D.	*03	*33	*14	*35	*04	*08	
798	Claas, F. H. J.	*03:02	*33:01:01	*14:02:01	*35:01/42	*04:01:01	*08:02:01	SBT, SSP
3632	Colombe, Beth	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SSP, SSOP
5130	Costeas, Paul	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SSO, SSP
779	Daniel, Claud	*03	*33	*14(B65)	*35	*04	*08	PCR-SSP
8052	Del Pozo, Ana	*03	*33	*14	*35	*04	*08	PCR-SSO
3766	Dunn, Paul	*03:02/31/73/76+	*33	*14:02/09/11/16+	*35	*04	*08	SSO
5214	Eckels/CPMC	*03	*33	*14(B65)	*35	*04	*08	SSOP
4251	Ellis, Thomas	*03:02	*33:01	*14:02	*35:01:01G	*04:01	*08:02	PCR-RVSSO, SBT
762	Fischer&Mayr	*03:02	*33:01	*14:02	*35:01/40N/57/94+	*04:01/09N/28/30+	*08:02	RSSO, SSP, SBT
792	Gandhi, Manis	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SSO, SSP
810	Hamdi, Nuha	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SSO
4269	Hanau, Daniel	*03	*33	*14	*35	*04	*08	PCR-SSP
3808	Hogan, Patric	*03	*33	*14:02/03/09/11+	*35	*04	*08	
745	Holman, Richa	*03:02	*33:01:01	*14:02	*35:01	*04:01/82	*08:02:01	SSO, SSP, SBT
771	Israel, Shosh	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	PCR-SSP, SBT
9003	Israel_LR	*03	*33	*14	*35	*04	*08	PCR-SSO
859	Kamoun, Malek	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	PCR-SBT, SSP
4337	Kim, Tai-Gyu	*03:02	*33:01	*14:02	*35:01/40N/42/57+	*04:01/09N/28/30+	*08:02	SBT
168	Klein, Tirza	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	PCR-SSP, SSO
9000	Klein_LR	*03	*33	*14	*35	*04	*08	PCR-SSP, SSO
278	Lee, Jar-How	*03:02/31/73/106	*33:01/38/40	*14:02/16-18	*35:01/57	*04:01/57/62/63+	*08:02/34/43	SSP, RVSSOP
6649	Lim, Young Ae	*03	*33	*14	*35	*04	*08	SSP
731	Loewenthal, R	*03	*33	*14	*35	*04	*08	SBT, SSO
759	Lopez-Cepero	*03:02/31	*33:01/03-06+	*14:02/09/11/16+	*35:01/07/27/29+	*04:01/15/17/60+	*08:02/17/30+	RVSSO
23	Mah, Helen	*03:02	*33:01	*14:02	*35	*04	*08:02	SSO, SSP
8029	Mani, Rama	*03	*33	*14	*35			PCR-SSP
206	McAlack-Hana	*03	*33	*14(B65)	*35	*04	*08	RVSSOP
8001	Rao, Prakash	*03	*33	*14:02/09/16-18+	*35	*04	*08	RVSSOP, SSP
3625	Rees, Tracey	*03:02	*33:01	*14	*35	*04:01/28/30/41+	*08:02	PCR-SSP, SBT
5200	Reinke, Denni	*03	*33	*14(B65)	*35	*04	*08	SSP
1160	Rosen-Bronso	*03	*33	*14	*35	*04	*08	RVSSO, SSP
793	Rubocki, Ron	*03	*33	*14(B65)	*35	*04	*08	SSP
3519	Semana, Gilbe	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SBT, PCR-SSP
769	Tavoularis, S	*03:02	*33:01	*14:02	*35:01	*04:01	*08:02	SSO, SBT, SSP
747	Tiercy, Jean-	*03:02	*33:01:01	*14:02:01	*35:01:01G	*04:01	*08:02:01	P-SSO, SSP, SBT
5451	Tilanus, Marc	*03:02	*33:01:01	*14:02:01	*35:01:01	*04:01:01	*08:02:01	SBT
5462	Turner, E. V.	*03:02	*33:01:01	*14:02:01	*35:01/42:01	*04:01:01G	*08:02:01	SEQ, SSO, SSP

INVESTIGATOR		CELL NO.1431 (Hispanic)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
8070	Ahn, Jaeie	*01	*30	*15	*57	*01	*18	PCR-SSP
16	Askar, Medhat	*01:01:01	*30:02:01	*15:04	*57:03:01	*01:02	*18:02	RSSO, SBT, SSP
774	Cecka, J. Mich	*01	*30	*15:04	*57:03	*01	*18	SSP
5232	Charlton, Ron	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSP, SSO
4492	Charron, D.	*01	*30	*15:04	*57	*01	*18	
798	Claas, F.H.J.	*01:01:01:01	*30:02:01	*15:04	*57:03:01	*01:02:01	*18:02	SBT, SSP
3632	Colombe, Beth	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSP, SSOP
5130	Costeas, Paul	*01:01	*30:02	*15:04	*57:03/17	*01:02	*18:02	SSO, SSP
779	Daniel, Claud	*01	*30	*15(B62)	*57	*01	*18	PCR-SSP
8052	Del Pozo, Ana	*01	*30	*15	*57	*01	*18	PCR-SSO
3766	Dunn, Paul	*01	*30	*15:04	*57:03/17	*01	*18	SSO
5214	Eckels/CPMC	*01	*30	*15:04	*57	*01	*18	SSOP
4251	Ellis, Thomas	*01:01:01G	*30:02	*15:04	*57:03	*01:02	*18:01:01G	PCR-RVSSO, SBT
762	Fischer&Mayr	*01:01/04N/22N/32+	*30:02/33	*15:04	*57:03	*01:02/25	*18:01/02	RSSO, SSP, SBT
792	Gandhi, Manis	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSO, SSP
810	Hamdi, Nuha	*01:01	*30:02	*15:04	*57:03	*01:02	*18:01	SSO
4269	Hanau, Daniel	*01	*30	*15	*57	*01	*18	PCR-SSP
3808	Hogan, Patric	*01	*30	*15:04	*57	*01	*18:01-03	
745	Holman, Richa	*01:01:01	*30:02:01	*15:04	*57:03:01	*01:02:01	*18:02	SSO, SSP, SBT
771	Israel, Shosh	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	PCR-SSP, SBT
9003	Israel_LR	*01	*30	*15	*57	*01	*18	PCR-SSO
859	Kamoun, Malek	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	PCR-SBT, SSP
4337	Kim, Tai-Gyu	*01:01/04N/22N/32+	*30:02/33	*15:04	*57:03	*01:02/25	*18:01/02	SBT
168	Klein, Tirza	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	PCR-SSP, SSO
9000	Klein_LR	*01	*30	*15	*57	*01	*18	PCR-SSP, SSO
278	Lee, Jar-How	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SSP, RVSSOP
6649	Lim, Young Ae	*01	*30	*15(B62)	*57	*01	*18	SSP
731	Loewenthal, R	*01	*30	*15:04	*57:03/17	*01:02:01/11	*18:01/02	SBT, SSO
759	Lopez-Cepero	*01:01/04N/06/09+	*30:02/10/12/28	*15:04	*57:03/17	*01:02/03/07/08+	*18:01/02/04	RVSSO
23	Mah, Helen	*01	*30:02	*15:04	*57:03	*01:02	*18:01/02	SSO, SSP
8029	Mani, Rama	*01	*30	*15	*57			PCR-SSP
206	McAlack-Hana	*01	*30	*15:04	*57	*01	*18	RVSSOP
8001	Rao, Prakash	*01	*30	*15:04	*57	*01	*18	RVSSOP, SSP
3625	Rees, Tracey	*01:01	*30:02	*15:04	*57:03	*01:02/25/44	*18:01/02	PCR-SSP, SBT
5200	Reinke, Denni	*01	*30	*15(B62)	*57	*01	*18	SSP
1160	Rosen-Bronso	*01	*30	*15:04	*57:03/17	*01	*18	RVSSO, SSP
793	Rubocki, Ron	*01	*30	*15(B62)	*57	*01	*18	SSP
3519	Semana, Gilbe	*01:01	*30:02	*15:04	*57:03	*01:02	*18:02	SBT, PCR-SSP
769	Tavoularis, S	*01:01/01N	*30:02	*15:04	*57:03	*01:02	*18:02	SSO, SBT, SSP
747	Tiercy, Jean-NT							
5451	Tilanus, Marc	*01:01:01:01	*30:02:01	*15:04	*57:03:01	*01:02	*18:02	SBT
5462	Turner, E.V.	*01:01:01:01+	*30:02:01	*15:04	*57:03:01	*01:02:01	*18:02	SEQ, SSO, SSP

INVESTIGATOR		CELL NO.1432 (Filipino)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
8070	Ahn, Jaeie	*11	*34	*35	*15	*07	*08	PCR-SSP
16	Askar, Medhat	*11:01:01	*34:05	*35:01/42	*15:35	*07:02:01/50	*08:01:01/22	RSSO, SBT, SSP
774	Cecka, J. Mich	*11	*34:01/05/06	*35	*15:35	*07	*08	SSP
5232	Charlton, Ron	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	SSP, SSO
4492	Charron, D.	*11	*34	*35	*15	*07	*08	
798	Claas, F.H.J.	*11:01:01	*34:05	*35:01:01:01	*15:35	*07:02:01	*08:01:01	SBT, SSP
3632	Colombe, Beth	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	SSP, SSOP
5130	Costeas, Paul	*11:01	*34:01/05	*35:01	*15:35	*07:02	*08:01/11	SSO, SSP
779	Daniel, Claud	*11	*34	*35	*15(B62)	*07	*08	PCR-SSP
8052	Del Pozo, Ana	*11	*34	*35	*15	*07	*08	PCR-SSO
3766	Dunn, Paul	*11	*34	*35	*15:20/35/85/118+	*07	*08	SSO
5214	Eckels/CPMC	*11	*34	*35	*15(B62)	*07	*08	SSOP
4251	Ellis, Thomas	*11:01	*34:05	*35:01:01G	*15:35	*07:02:01G	*08:01:01G	PCR-RVSSO, SBT
762	Fischer&Mayr	*11:01/21N	*34:05	*35:01/40N/57/94+	*15:35	*07:02/50/66/74	*08:01/20/22/24	RSSO, SSP, SBT
792	Gandhi, Manis	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	SSO, SSP
810	Hamdi, Nuha	*11:01	*34:01	*35:01	*15:20	*07:02	*08:01	SSO
4269	Hanau, Daniel	*11	*34	*35	*15	*07	*08	PCR-SSP
3808	Hogan, Patric	*11	*34	*35	*15:35	*07:02+	*08	
745	Holman, Richa	*11:01:01	*34:05	*35:01	*15:35	*07:02:01	*08:01:01	SSO, SSP, SBT
771	Israel, Shosh	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	PCR-SSP, SBT
9003	Israel_LR	*11	*34	*35	*15	*07	*08	PCR-SSO
859	Kamoun, Malek	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	PCR-SBT, SSP
4337	Kim, Tai-Gyu	*11:01/21N	*34:05	*35:01/40N/42/57+	*15:35	*07:02/50/66/74	*08:01/20/22/24	SBT
168	Klein, Tirza	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	PCR-SSP, SSO
9000	Klein_LR	*11	*34	*35	*15	*07	*08	PCR-SSP, SSO
278	Lee, Jar-How	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	SSP, RVSSOP
6649	Lim, Young Ae	*11	*34	*35	*15(B62)	*07	*08	SSP
731	Loewenthal, R	*11	*34:01/05	*35:27	*15:35	*07	*08	SBT, SSO
759	Lopez-Cepero	*11:01-03/07/12+	*34:01/05	*35:01/07/14/17+	*15:35/20/85/118+	*07:02/32N/38+	*08:01/08/16+	RVSSO
23	Mah, Helen	*11	*34:05	*35	*15:35	*07	*08	SSO, SSP
8029	Mani, Rama	*11	*34	*35	*15			PCR-SSP
206	McAlack-Hana	*11	*34	*35	*15(B62)	*07	*08	RVSSOP
8001	Rao, Prakash	*11	*34	*35	*15:35	*07	*08	RVSSOP, SSP
3625	Rees, Tracey	*11:01	*34:05	*35:01/42	*15:35	*07:02/50	*08:01/20/22/24	PCR-SSP, SBT
5200	Reinke, Denni	*11	*34	*35	*15(B62)	*07	*08	SSP
1160	Rosen-Bronso	*11	*34	*35	*15	*07	*08	RVSSO, SSP
793	Rubocki, Ron	*11	*34	*35	*15(B62)	*07	*08	SSP
3519	Semana, Gilbe	*11:01	*34:05	*35:01	*15:35	*07:02	*08:01	SBT, PCR-SSP
769	Tavoularis, S	*11:01	*34:05	*35:01/42	*15:35	*07:02	*08:01	SSO, SBT, SSP
747	Tiercy, Jean-NT							
5451	Tilanus, Marc	*11:01:01	*34:05	*35:01:01	*15:35	*07:02:01	*08:01:01	SBT
5462	Turner, E.V.	*11:01:01	*34:05	*35:01/42:01	*15:35	*07:02:01G	*08:01:01	SEQ, SSO, SSP

Cell 1429 (Hispanic)

42 labs
A*02 52%
A*02:01 29%
A*02:01:01 12%
A*02:01:01G 7%
A*02 100% TOTAL

A*23 52%
A*23:01/17 5%
A*23:01:01/17 5%
A*23:01 29%
A*23:01:01 7%
A*23:01:01G 2%
A*23 100% TOTAL

Cell 1430 (Hispanic)

42 labs
A*03 50%
A*03:02 50%
A*03 100% TOTAL

A*33 50%
A*33:01 36%
A*33:01:01 14%
A*33 100% TOTAL

Cell 1431 (Hispanic)

41 labs
A*01 56%
A*01:01 29%
A*01:01:01 7%
A*01:01:01:01 5%
A*01:01:01G 3%
A*01 100% TOTAL

A*30 54%
A*30:02 34%
A*30:02:01 12%
A*30 100% TOTAL

Cell 1432 (Filipino)

41 labs
A*11 56%
A*11:01 32%
A*11:01:01 12%
A*11 100% TOTAL

A*34 51%
A*34:01 3%
A*34:05 46%
A*34 100% TOTAL

42 labs

B*38 48%
B*38:01 38%
B*38:01:01 14%
B*38 100% TOTAL

B*51 31%
B*51:08 69%
B*51 100% TOTAL

42 labs

B*14 52%
B*14:02 36%
B*14:02:01 12%
B*14 100% TOTAL

B*35 67%
B*35:01 26%
B*35:01:01 2%
B*35:01:01G 5%
B*35 100% TOTAL

41 labs

B*15 24%
B*15:04 76%
B*15 100% TOTAL

B*57 37%
B*57:03/17 12%
B*57:03 39%
B*57:03:01 12%
B*57 100% TOTAL

41 labs

B*35 54%
B*35:01/42 7%
B*35:01/42:01 3%
B*35:01 27%
B*35:01:01 3%
B*35:01:01:01 2%
B*35:01:01G 2%
B*35:27 2%
B*35 100% TOTAL

B*15 39%
B*15:20 2%
B*15:35 59%
B*15 100% TOTAL

41 labs

C*12 59%
C*12:03/04 10%
C*12:02 2%
C*12:03 17%
C*12:03:01 7%
C*12:03:01:01 3%
C*12 98% TOTAL

C*16 54%
C*16:01/02 10%
C*16:01 2%
C*16:02 27%
C*16:02:01 7%
C*16 100% TOTAL

41 labs

C*04 61%
C*04:01 29%
C*04:01:01 7%
C*04:01:01G 3%
C*04 100% TOTAL

C*08 49%
C:08:02 36%
C:08:02:01 15%
C*08 100% TOTAL

40 labs

C*01 55%
C*01:02 38%
C*01:02:01 7%
C*01 100% TOTAL

C*18 45%
C*18:01/02 13%
C*18:01 2%
C*18:02 38%
C*18:01:01G 2%
C*18 100% TOTAL

40 labs

C*07 60%
C*07:02 28%
C*07:02:01 7%
C*07:02:01G 5%
C*07 100% TOTAL

C*08 53%
C*08:01/20/22/24 8%
C:08:01:01/20 2%
C*08:01 25%
C:08:01:01 10%
C:08:01:01G 2%
C*08 100% TOTAL

 *
 * SUMMARY TABLE *
 *

(HISP)
 **** CELL 1429 ****
 (50 SAMPLES TYPED)
 A2 98.0%
 (98.0%)

 A23 100.0%
 (100.0%)

 B38 98.0%
 B16 2.0%
 (100.0%)

 B51 100.0%
 (100.0%)

 BW4 86.0%

(OTHERS FOUND)
 CX12 6.0%
 CW4 4.0%
 CX15 4.0%
 CX16 4.0%
 A3 2.0%
 CW1 2.0%
 CW6 2.0%

(HISP)
 **** CELL 1430 ****
 (50 SAMPLES TYPED)
 A3 98.0%

 A33 98.0%
 A19 2.0%
 (100.0%)

 B14 44.0%
 B65 56.0%
 (100.0%)

 B35 100.0%

 CW4 58.0%

 CW8 46.0%

 BW6 86.0%

(OTHERS FOUND)
 B18 2.0%
 CW1 2.0%
 A2 2.0%

(HISP)
 **** CELL 1431 ****
 (49 SAMPLES TYPED)
 A1 100.0%

 A30 95.9%
 A19 2.0%
 (98.0%)

 B62 89.8%
 B15 6.1%
 (95.9%)

 B57 95.9%
 B17 4.1%
 (100.0%)

 CW1 55.1%

 BW4 85.7%

 BW6 85.7%

(OTHERS FOUND)
 CW6 16.3%
 CW4 8.2%
 B75 4.1%
 CX18 4.1%
 A31 2.0%

(FILP)
 **** CELL 1432 ****
 (49 SAMPLES TYPED)
 A11 93.9%
 1101 4.1%
 11.1 2.0%
 (100.0%)

 A34 89.8%
 A10 8.2%
 (98.0%)

 B35 100.0%

 B62 91.8%
 B15 8.2%
 (100.0%)

 CW7 59.2%

 CW8 36.7%

 BW6 85.7%

(OTHERS FOUND)
 A66 4.1%
 A43 2.0%
 CW4 2.0%
 B62V 2.0%