REPORT OF THE 366TH CELL EXCHANGE

JUNE 6, 2012

B-cell Line	**471-472**
Serum	**1085-1088**
DNA Extract	**549-552**
Cells	**1461-1464**

B-cell line Exchange

We are grateful for the generosity **of Eric Mickelson, Cell Bank Director, and John Hansen, Workshop Chairman, Fred Hutchinson Cancer Research Center, Seattle** for sharing their workshop cells with rare alleles.

Ter 471. This cell with the rare DRB5*01:10N allele was previously studied in the Cell Exchange as Ter 401 (2007), as correctly identified by Lopez-Cepero, Mah, Stamm, and Tiercy. DRB5*01:10N was detected by 69% in this present study, a significant improvement from the 37% detection level in 2007. Two labs could not resolve between DRB5*01:02 and DRB5*01:10N. DRB5*01:02 was mistyped by another 2 labs.

The detection of DQB1*03:19 also improved greatly from this cell's original typing in 2007, increasing from only 10% to 69% in this present study. DQB1*03:19 was formally recognized in 2006.

DQB1*05:03 was detected by 52% as the second DQB1 type.

DRB1*11:01 (*11:01:02) and DRB1*15:02 (*15:02:01) were reported by 57% and 64%, respectively.

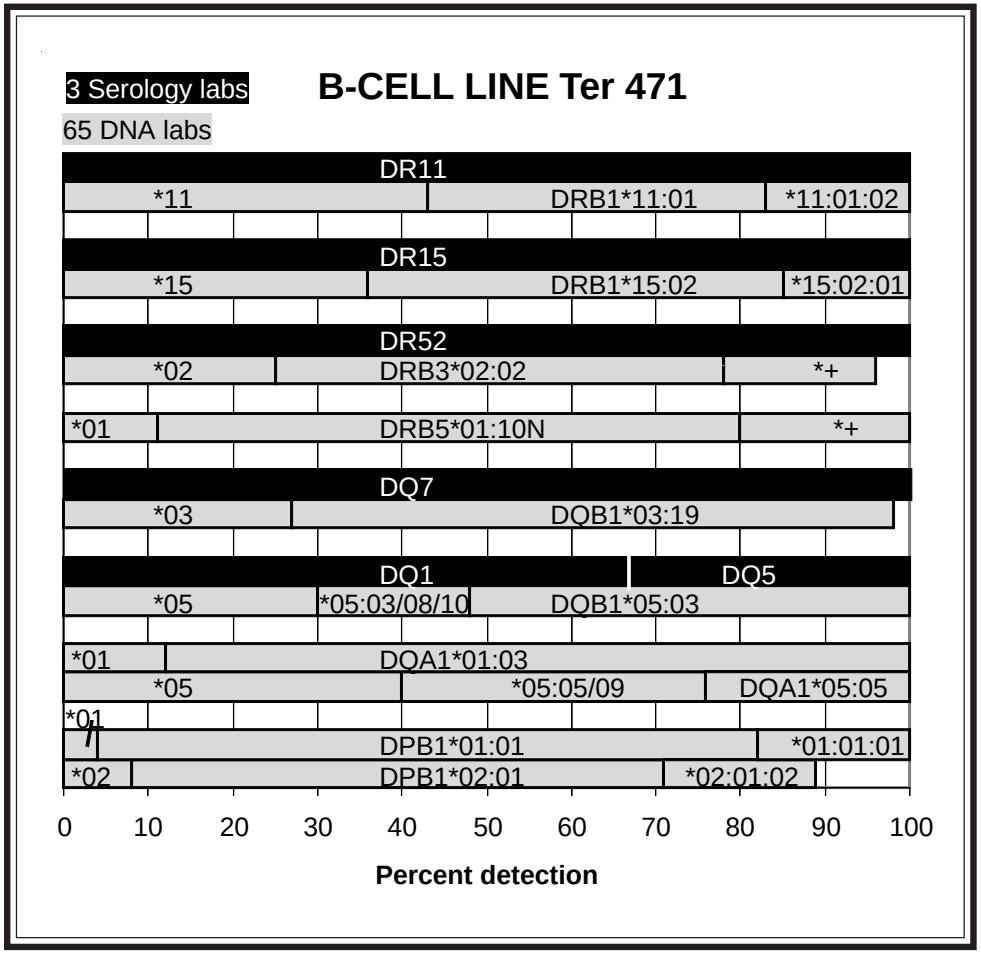
DQA1*01:03 was assigned by 85%. DQA1*05:05 was assigned by only 24% as the second DQA1 allele. A number of labs, 36%, were unable to distinguish DQA1*05:05 from DQA1*05:09. DQA1*05:09 differs from DQA1*05:05 by a single nucleotide substitution in exon 1 at codon 1 (GAA ->AAA) resulting in an amino acid change from glutamic acid to lysine.

DPB1*01:01 (*01:01:01) (96%) and DPB1*02:01 (*02:01:02) (81%) were the reported DPB1 types.

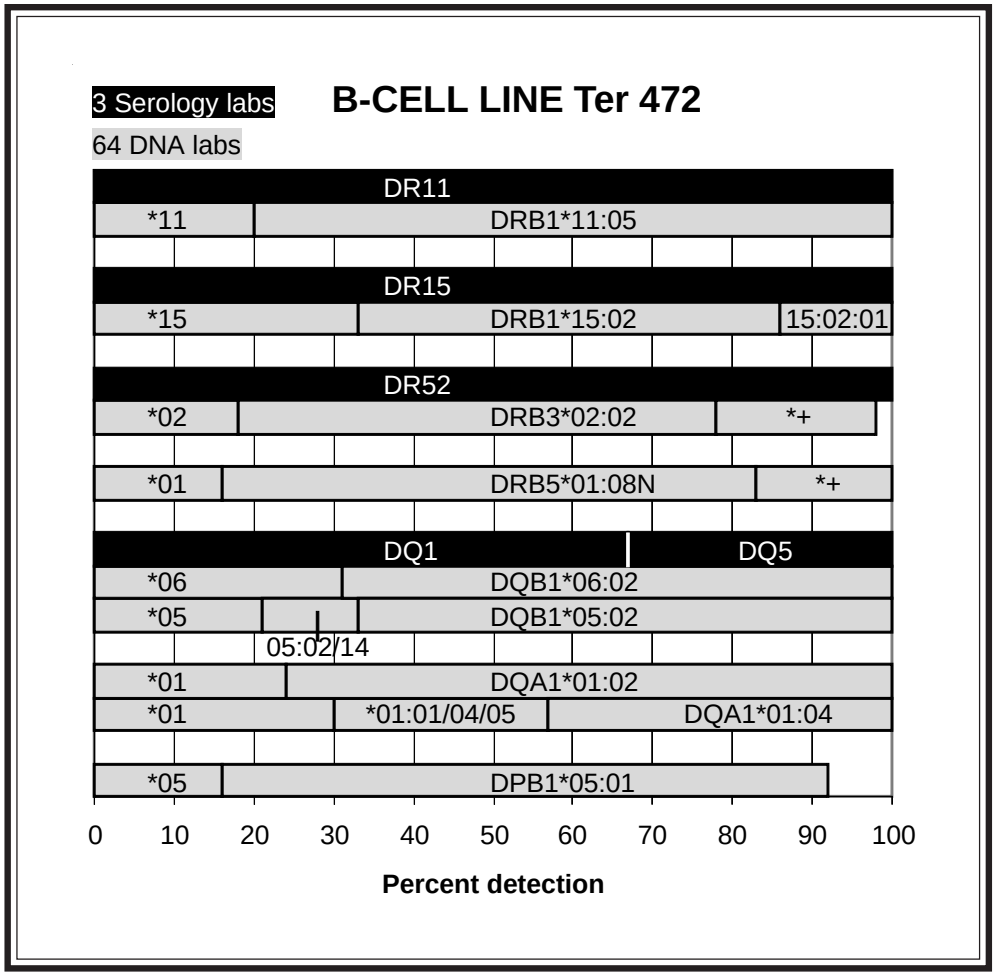
DPA1*01:03 and DPA1*02:02 were assigned by Charron, Lee, Lo, Lopez-Cepero, Kamoun, Mah, and Stamm.

The likely haplotypes in this cell were DRB1*15:02-DRB5*01:10N-DQB1*05:03-DQA1*01:03 and DRB1*11:01-DRB3*02:02-DQB1*03:19-DQA1*05:05.

This cell was also typed for class I as extract 414 (2008). In the 2008 study, the class I type was reported to be A*03:01, A*66:01, B*15:03, B*52:01, C*02:10, C*12:02.



Ter 472. This cell was IHW#9427 typed in the 13th International Histompatibility Workshop. It was previously typed as Ter 315 (2003) and Ter 373 (2006), as correctly noted by Lopez-Cepero, Mah, Stamm, and Tiercy.



In 2006, DRB5*01:08N was detected by less than half the labs, 46%. In this present study, a greater number of labs, 67%, were able to detect this null allele. Voorter et al. (1) described the DRB5 null allele, "Nucleotide sequence analysis of exon 2 showed no differences from the sequence of DRB5*0102. However, when exon 3 was examined a difference in length was noticed due to a deletion of 19 nucleotides between codon 161 and 168." This deletion causes a frame shift mutation resulting in a premature stop codon.

The rare DRB1*11:05 allele was detected by 80%, a slight increase over the 73% detection level in the 2006 study.

DRB1*15:02 (67%) was the second DRB1 type present in this cell, with 14% of labs reporting DRB1*15:02:01.

DQB1*05:02 and DQB1*06:02 were reported by 67% and 69%, respectively.

Two different DQA1*01 alleles were present in this cell. The first was well typed as DQA1*01:02 (76%). The other was not as clearly defined, as less than half the labs reported DQA1*01:04 (43%) while another 27% reported DQA1*01:01/04/05.

DPB1*05:01 (76%) was reported as the sole DPB1 type. Adams noted that a variant of DPB1*05 may be present, with a mismatch at position 700.

One likely haplotype in this cell was DRB1*11:05-DRB3*02:02-DQB1*06:02-DQA1*01:04. The DRB1*11:05-DQB1*06:02 association is also found in DBUG, one of the reference cells for DRB1*11:05. The other possible haplotype was DRB1*15:02 (*15:02:01)-DRB5*01:08N-DQB1*05:02-DQA1*01:02. Although no race information was available for this cell, the NMDP Bioinformatics website lists the DRB1*15:02-DQB1*05:02 as observed exclusively in Asians, at HF=0.02290. The reference cell DBUG was from an Asian donor.

DPA1*02:02 was reported by Charron, Kamoun, Lee, Lo, Lopez-Cepero, Mah, and Stamm.

Serum Exchange

This month's antibody study included 4 samples (**sera 1085-1088**) strongly positive to B13 by all methods and reactive to 7C and 12C specificities in general. A previous study with similar reactivity included serum samples #1069-1072 in 2011.

1085	method	#labs	B13	B60	B61	B27	B41	B44	B45	B47	B48	B49	B50	B7	B81	A66	A6602	B8	B73	B35	B51	B52	B53	B78	B71	B72	B56	B62	B63	B75	B77	B46	B57	Cw1	Cw2	Cw9	Cw10	Cw17	Cw18
green	NIH-Std	5	100	100	100	40																																	
	NIH-Ext	3	100	67	100		67			100		67																											
	AHG	4	100	75	75	50	75	50	50		50	50	50	50		50														50								
	Luminex	33	97	97	97	94	97	94	88	91	97	91	88	94	85	52	36	88	88	88	82	76	85	79	79	82	85	82	85	82	79	82	67	64	79	82	79	42	36
	Flow	3	67			67								67																									
	ELISA	4	75	100	100	100	75	50	50	50	75	50	50	100	50																								

Sera 1085 and 1086 had similar reactivity patterns, being positive to specificities in the 7C and 12C groups, as well as to A66. Luminex labs detected strong reactivity to additional 7C specificities (B8 and B73 for serum 1085; B42 and B73 for serum 1086) and to 5C specificities. Luminex also reported positivity to a number of C-locus antigens (Cw1, Cw2, Cw9, Cw10, Cw17, Cw18) for serum 1085 and to Cw2 for serum 1086.

1086	method	#labs	B13	B60	B61	B27	B41	B44	B45	B47	B48	B49	B50	B7	B81	A66	A6602	B42	B73	B35	B51	B53	B78	B62	B76	B72	B55	B67	B82	Cw2	B71	B18	B38	B59	B52	B75	B77
orange	NIH-Std	5	100	100	100																																
	NIH-Ext	3	100	67	100		67			100																												
	AHG	4	100	75	75	75	50	50			75	50		75		75																						
	Luminex	32	97	97	97	97	91	94	91	91	94	91	88	94	84	56	38	75	97	75	69	88	59	69	72	75	75	75	75	75	56	44	41	41	41	31	34
	Flow	3	67			67								67																								
	ELISA	4	100	100	100	100	50	75	50	50	100	50		100	50																							

Serum 1087 was determined to be reactive to 7CREG and 12CREG specificities. Labs using antiglobulin and solid phase assays also reported 2C specificities, including A2, A28, and A9. B62 was detected by standard NIH and Luminex. Additional reactivity to 5C was reported by Luminex and ELISA. Luminex also found anti-8C reactivity and reactions to a number of C-locus antigens, including Cw2, Cw5, Cw6, Cw15, Cw17, and Cw18.

1087	method	#labs	B13	B60	B61	B41	B44	B45	B47	B49	B50	B8	B55	B62	B53	B71	B72	B18	B48	B42	A2	A23	A24	A68	A69	B7	B81	B35	B78
purple	NIH-Std	4	40	100	40	40		60			60			40															
	NIH-Ext	3	100	67	67	100		67	100	100	100																		
	AHG	4	50	100	75		50	100			75	50									75		75						
	Luminex	32	94	94	94	91	88	94	88	97	94	91	88	91	75	88	94	94	94	88	91	91	97	88	84	88	84	91	81
	Flow	3	67										67									67	67						
	ELISA	4	25	75	50	50	50	50				50	50		50	50	50	50	100	75		75	100		75				

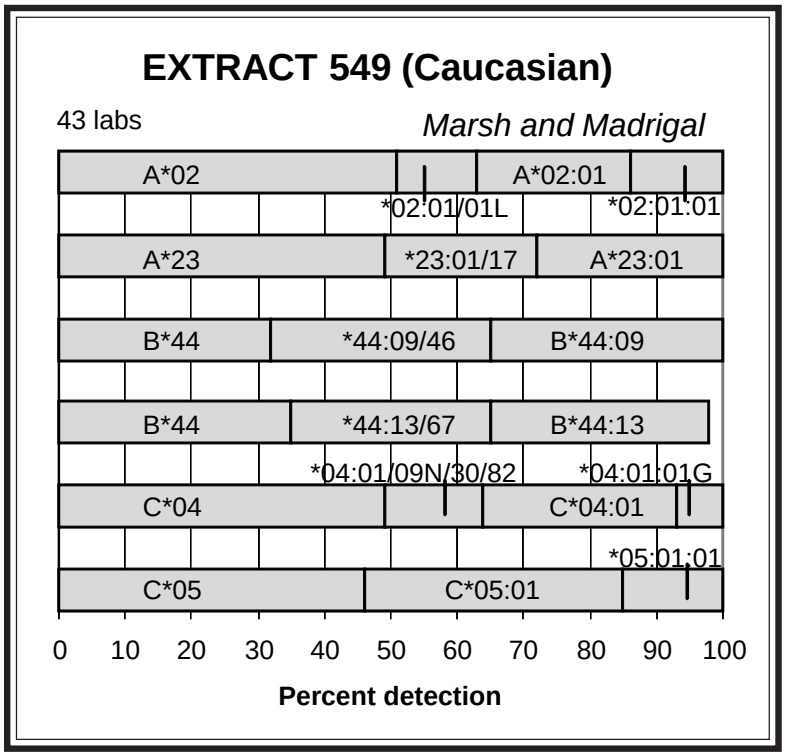
1087	method	#labs	B75	B76	B67	B82	B51	B77	B38	B39	B54	B56	B64	B65	CW2	CW5	CW6	CW15	CW17	CW18	B27	B2708	B37	CW8	B59
purple	NIH-Std	4																							
	NIH-Ext	3																							
	AHG	4																							
	Luminex	32	88	84	81	75	66	66	66	78	88	88	75	75	75	75	75	75	75	78	47	41	47	38	34
	Flow	3																							
	ELISA	4																							

Serum 1088 was also positive to 7C and 12C specificities. Anti-B62 reactivity was reported by NIH, antiglobulin, Luminex, and ELISA. Strong positivity to 5C and 8C was also detected by Luminex labs. Luminex reported reactions to A19 (A30, A31, A33) and C-locus specificities (Cw5, Cw8).

1088	method	#labs	B13	B60	B61	B27	B41	B44	B45	B47	B49	B50	B62	B18	B48	B35	B51	B52	B53	B75	B76	B71	B72	B77	B78	B38	B39	B59	B37	B7	B81	B64	B65	A30	A31	B73	Cw5	Cw8	A33	A66	A6602
brown	NIH-Std	4	100	100	100		40				60	60	80	40																											
	NIH-Ext	3	100	67	100		67	67		100	100	67																													
	AHG	4	100	75	75		75	50	50		75	75	50		50						50																				
	Luminex	32	94	97	97	84	97	91	94	94	100	94	94	94	94	94	81	72	91	91	88	91	94	88	78	88	75	78	91	84	81	72	62	91	88	69	53	62	56	31	41
	Flow	3	67						67		67																														
	ELISA	4	100	100	75	50	100	75	100	50	100	75	50		75								50			50															

Extract Exchange

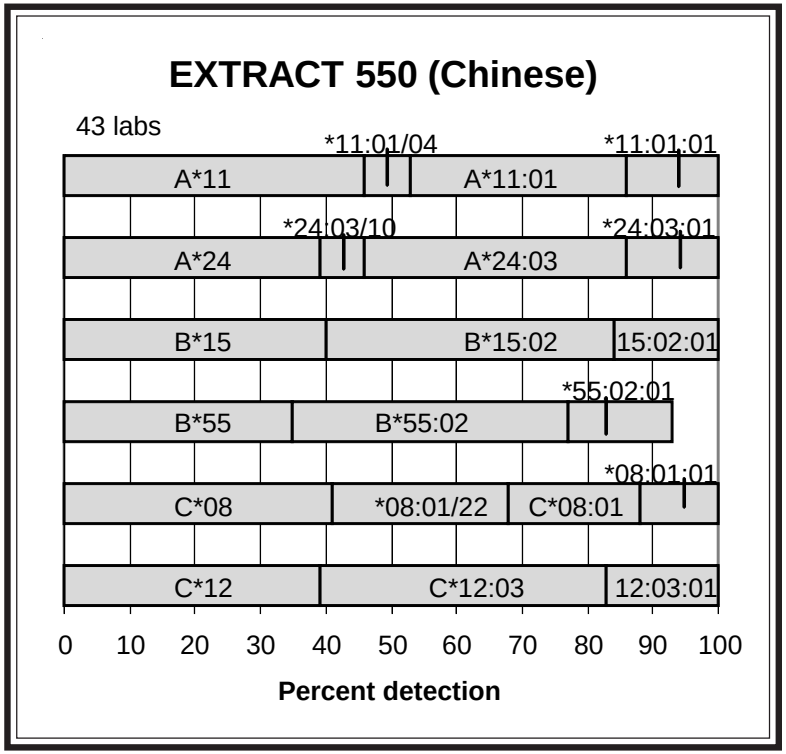
We would like to express our appreciation to **Steve Marsh and Alejandro Madrigal, Anthony Nolan Research Institute, Anthony Nolan Bone Marrow Trust,** for their generous donation of the valuable B*44 reference cell examined in this study. We would also like to acknowledge Stamm for correctly identifying each of the extracts as being previously studied in our exchanges.

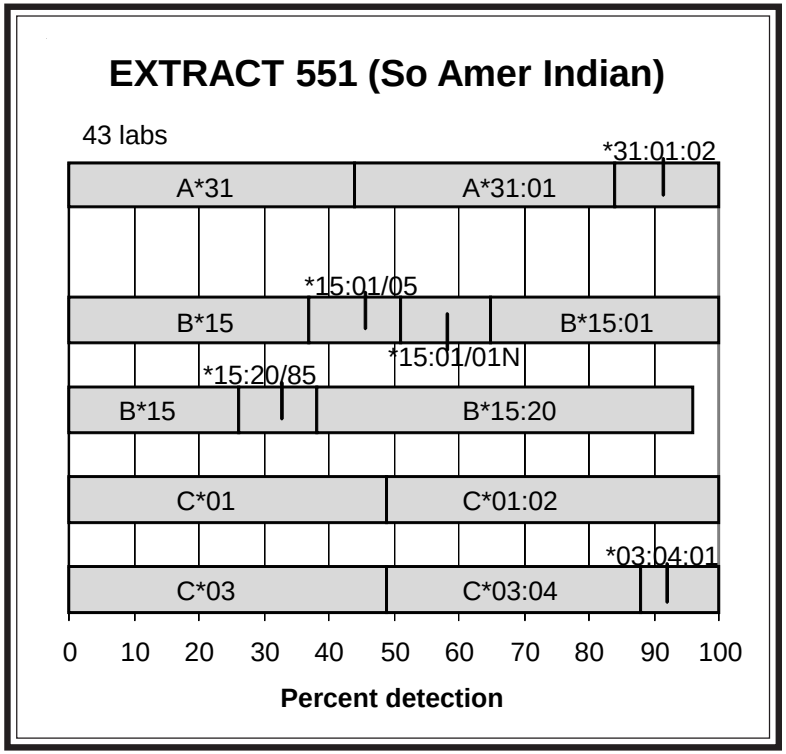


Extract 549. This cell from a Caucasian individual was AMI005AN, one of the reference cells for B*44:13. It was previously typed as extract 202 (2002) and extract 271 (2003). The assignment of the rare B*44:13 allele in this cell decreased from the 48% detection level in 2003 to only 34% in this present typing. A number of labs, 30%, were unable to distinguishe B*44:13 from B*44:67 which may explain the decrease in the assignment of B*44:13. B*44:67 was formally recognized in 2009, a number of years after this cell was last studied. Lazaro et al. (2) described B*44:67 as being most homologous to B*44:02:01, differing by a single nucleotide substitution in exon 3 at codon 156 (CTG->GAC) resulting in an amino acid change from leucine to aspartic acid.

The assignment of the second B-locus allele, B*44:09, also decreased. In the 2003 typing, 72% of labs reported B*44:09. However in this present study, only 36% assigned B*44:09 with another 32% reporting B*44:09/46. B*44:46 differs from B*44:09 by a single nucleotide substitution in exon 3 at codon 156 (GAC->GTC) causing an amino acid change from aspartic acid to valine.

C*04:01 and C*05:01 were the C-locus types, detected by 36% and 55%, respectively.





Extract 550. This Chinese cell was APA, a reference cell for A*24:03:01, B*15:02:01 and B*55:02:01. It was previously studied in the International Histocompatibility Workshops as IHW#9237 and in the Cell Exchange for class I as extract 61 (1998) and extract 258 (2003). This donor was also typed for class II as Ter 224 (1998) and Ter 452 (2011).

The assignment of A*24:03 (54%) improved greatly in this present typing compared to the 26% detection level in 2003.

A*11:01 was reported by 48% as the second A-locus allele with 16% reporting A*11:01:01.

B*15:02 (61%) and B*55:02 (59%) were assigned as the B-locus types.

C*08:01 was detected by 31%. However, a number of labs, 29%, were unable to distinguish C*08:01 from C*08:22. C*12:03 (62%) was reported as the second C-locus type.

The probable associations in this cell were B*15:02-C*08:01 and B*55:02-C*12:03 with HF=0.03496 and HF=0.00284, respectively, in Asians.

When this cell was typed last year as Ter 452, the probable class II haplotypes were determined to be DRB1*14:05-DRB3*02:02-DQB1*05:03-DQA1*01:04 and DRB1*15:01-DRB5*01:01-DQB1*06:01-DQA1*01:02.

Extract 551. This cell was OLGA (OLL) the reference cell for B*15:01:01:01, B*15:20, and KIR2DL5A*00103. It originated from an individual from the Warao Indian tribe in South America. It was studied previously in the International Histocompatibility Workshops as IHW#9071 and in the Cell Exchange for class I as extract 215 (2002) and extract 363 (2006). Additionally, this cell was typed for class II as Ter 175 (1995) and Ter 346 (2004).

Two different B*15 alleles were present in this cell. One was the common B*15:01, reported by 36%. B*15:01/01N and B*15:01/05 were assigned by 14%.

The assignment of B*15:20 (59%) in this retyping was similar to the 57% detection level in 2006. Domena et al. (3) described the B*15:20 allele as “a hybrid having exons 1 and 2 in common with B*1501 and other B15 subtypes and exons 3-7 in common with B*3501 and related molecules including B*5301

and B*5801."

A*31:01 (*31:01:02) was reported by 53% as the sole A-locus allele.

C*01:02 and C*03:04 (*03:04:01) were assigned by 50% and 52%, respectively.

One probable association in this cell was B*15:20-C*03:04:01. This association was also found in cell 1107 (2002) and in another B*15:20 reference cell, KRC-110. The other likely association may be B*15:01-C*01:02 found most commonly in Hispanics, with HF=0.00858.

This cell was also typed for class II as Ter 175 (1995) and Ter 346 (2004). Consensus results determined the class II assignment to be DRB1*08:02-DQB1*04:02-DQA1*04:01-homozygous.

Extract 552. This cell from a Filipino donor was Ter1132, the reference cell for A*24:37. It was studied numerous times in the Cell Exchange as cells 1132 (2002), 1145 (2003), 1197 (2004), 1256 (2005), and extract 243 (2003). The typing of this cell back in 2002 revealed the presence of a new A*24 variant and in subsequent sequencing studies, the novel variant was described by Lebedeva et al. (5) as being most homologous to A*24:02:01. A*24:37 differs from A*24:02:01 by a single nucleotide substitution at codon 47 (CCG->CTG) resulting in an amino acid change from proline to leucine.

The following table summarizes the standardization of this allele over a 10-year period:

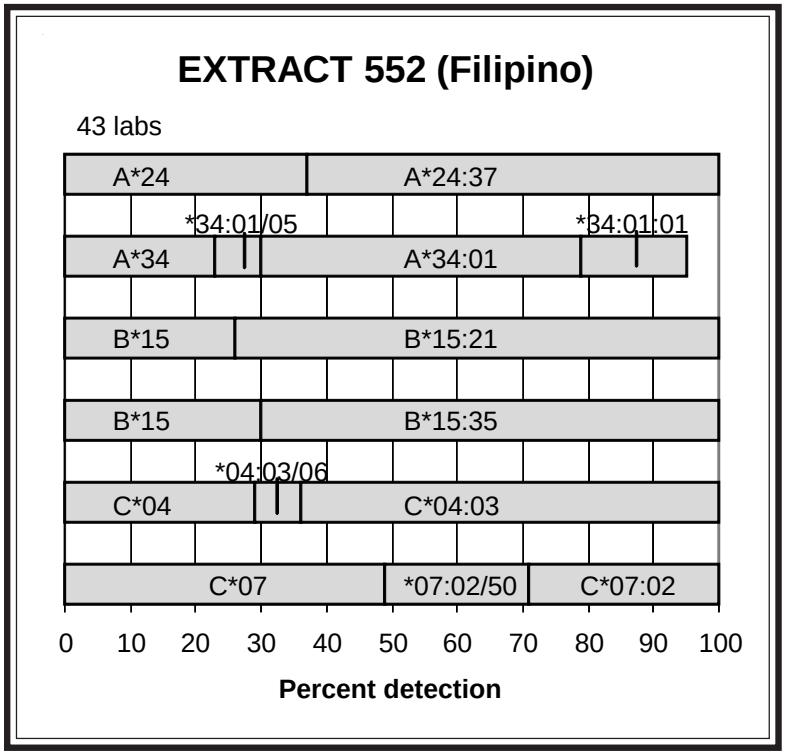
	cell 1132	cell 1145	extract 243	cell 1197	cell 1256	extract 552
	2002	2003	2003	2004	2005	2012
A*24	68%	60%	58%	58%	54%	36%
A*24:02	21%	11%	19%	2%	2%	
A*24new	9%	2%	2%			
A*24:37	**-**	**27%**	**19%**	**38%**	**42%**	**64%**

A*34:01 (66%) was the other A-locus allele.

B*15:21 (75%) and B*15:35 (70%) were well defined as the B-locus types.

C*04:03 was assigned by 64%. C*07:02 was reported by 25% as the second C-locus allele with another 24% reporting C*07:02/50.

From family studies, the haplotypes in this cell were determined to be A*34:01-B*15:21-C*04:03-DRB1*04:03:01-DQB1*03:02 and A*24:37-B*15:35-C*07:02:01-DRB1*15:02:01-DQB1*05:02.



Cell Exchange

Cell 1461. This cell from a Black donor was previously typed as cells 1295 (2007) and 1354 (2009), as correctly noted by Askar, Claas, Dunn, Lopez-Cepero, Mah, McCluskey, Pancoska, Stamm, and Tiercy.

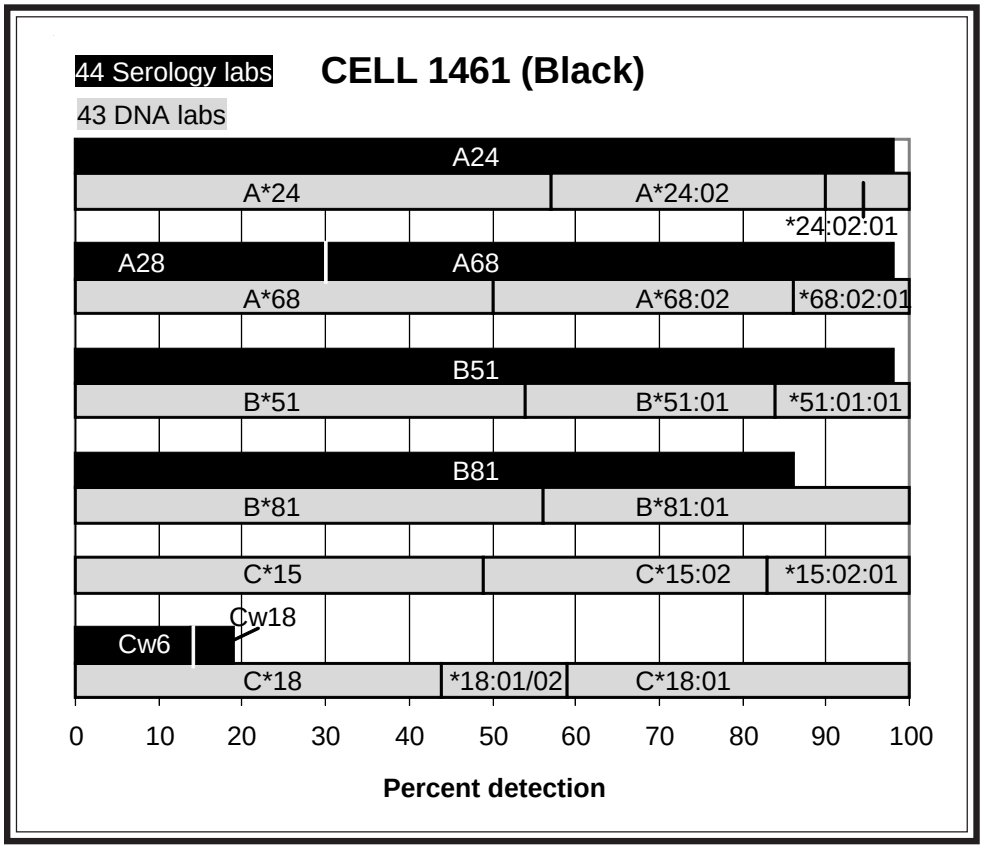
A24 (98%) was well typed and confirmed as A*24:02 (43%). A68 (68%) was the A28 split and validated as A*68:02 (50%) with 14% of labs reporting A*68:02:01.

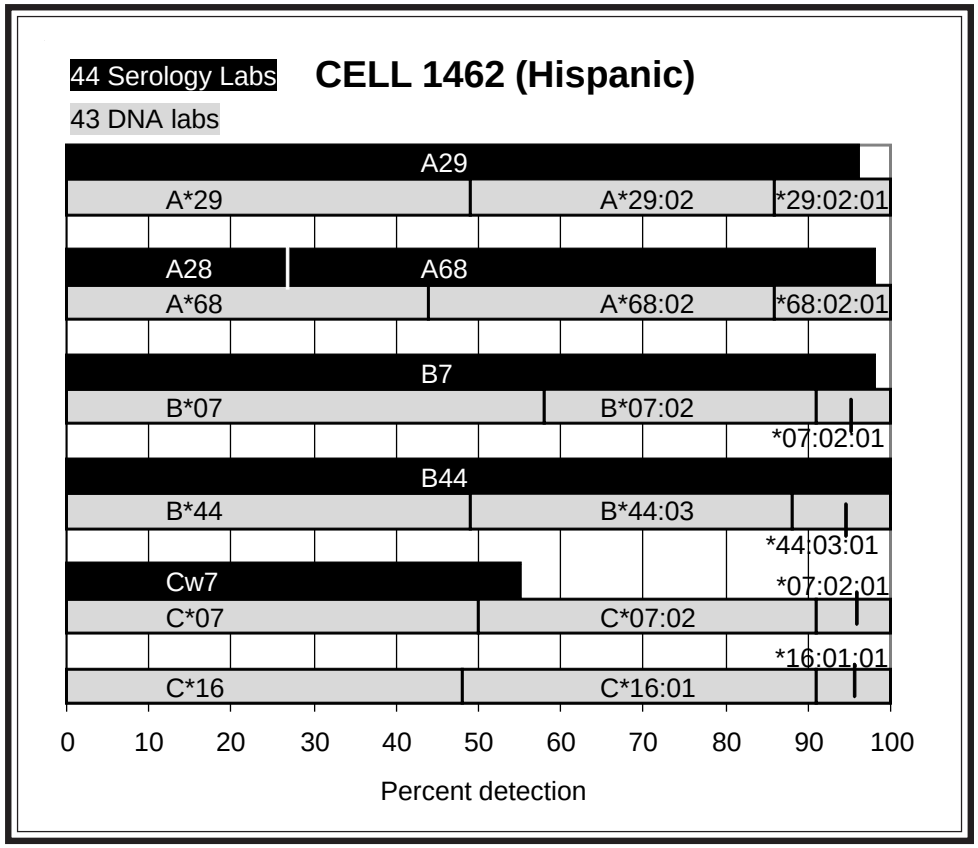
B81 was reported by 86%. B7 was misassigned by 18%. B*81:01 was assigned by 44%, a significant increase from the 27% detection level in the 2009 typing.

The other B-locus antigen was B51 (98%). B*51:01 was reported by 46% with 16% reporting B*51:01:01.

Cw6 was detected by 14% and an additional 5% reported Cw18. Pollack commented that the presence of Cw6 is likely associated with a different molecular type. C*15:02 (*15:02:01) and C*18:01 were assigned by 51% and 39%, respectively. C*18:01/02 was reported by 15%.

The probable associations in this cell were B*51:01-C*15:02 and B*81:01-C*18:01 with HF=0.00353 and HF=0.01101, respectively in African Americans.





Cell 1462. This Hispanic cell was previously studied in the Cell Exchange as cells 1272 (2006), 1279 (2006), and 1344 (2008), as astutely identified by Askar, Claas, Dunn, Lopez-Cepero, Mah, McCluskey, Pancoska, and Stamm.

A29 (96%) and A68 (71%) were the A-locus antigens and corroborated as A*29:02 (*29:02:01) (51%) and A*68:02 (*68:02:01) (56%), respectively. The assignment of these alleles improved since this cell was last typed in 2008 in which A*29:02 was typed by 41% and A*68:02 was typed by 44%.

B7 and B44 were well typed by 98% and 100%, respectively, and confirmed as B*07:02 (42%) and B*44:03 (*44:03:01) (51%).

Cw7 (55%) was reported as the sole C-locus antigen. C*07:02 and C*16:01 were reported by 50% and 52%, respectively.

One likely haplotype in this cell was A*29:02-B*44:03-C*16:01. This is the most common haplotype found in Hispanic populations, with HF= 0.02457. The other possible haplotype may be A*68:02-B*07:02-C*07:02. The NMDP Bioinformatics website lists this haplotype to be rare in Hispanics, with HF= 0.00049.

Cell 1463. B55 (93%) was reported as the B22 split in this Caucasian cell. Askar observed extra reactions with some B56 typing reagents but the reaction pattern was more consistant with B55. He also noted that this cell had an "atypical C-locus association for a Caucasian cell" and that its Cw1 is "more frequently seen with Caucasian B56."

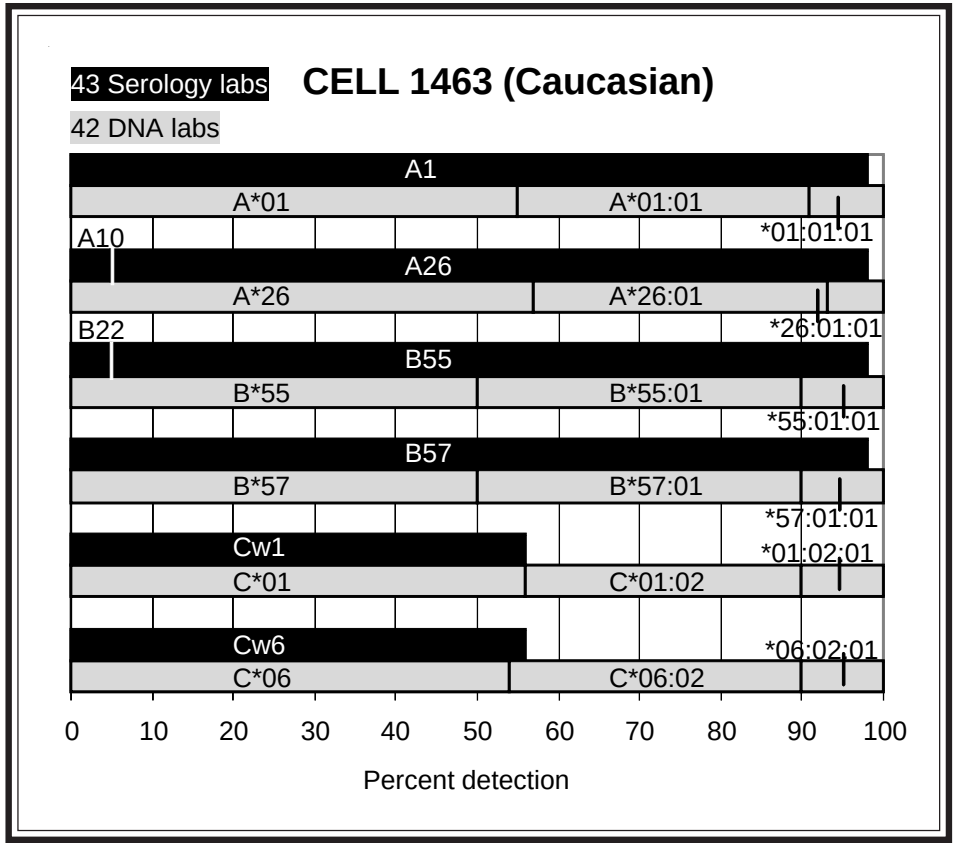
B57 was detected by 98% as the second B-locus antigen.

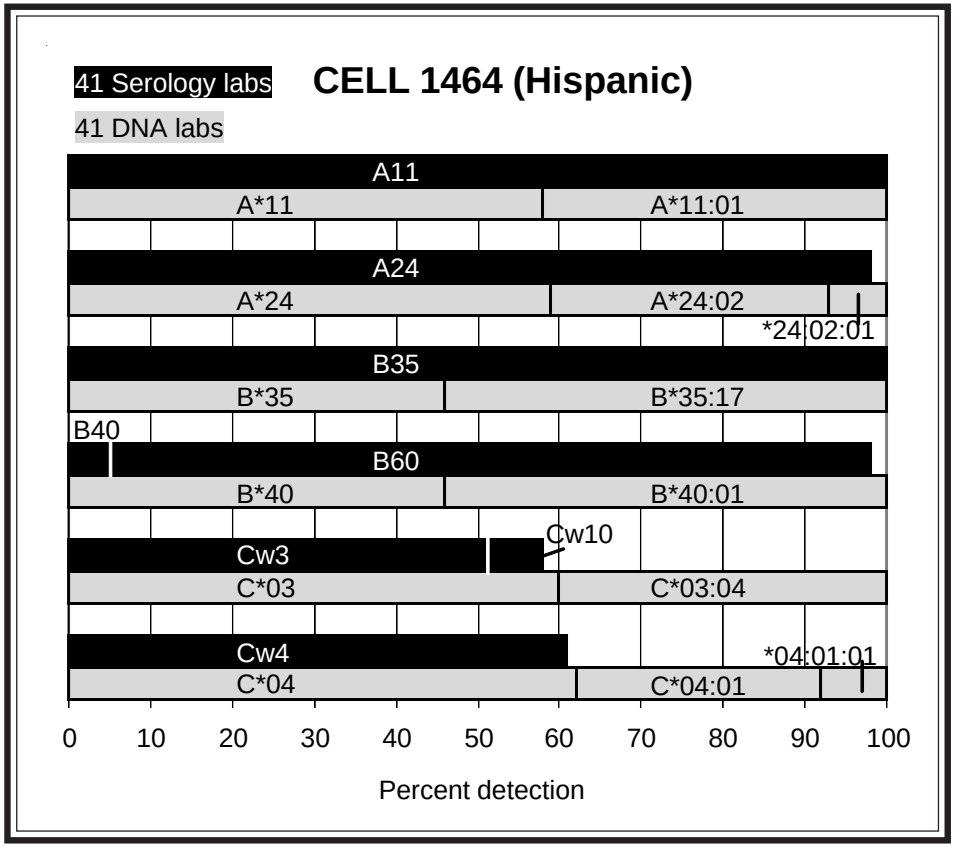
B*55:01 and B*57:01 were each assigned by 50% as the B-locus alleles.

A1 (98%) and A26 (93%) were well typed and confirmed as A*01:01 (45%) and A*26:01 (43%), respectively.

Cw1 and Cw6 were reported by 56% as the C-locus antigens. C*01:02 (44%) and C*06:02 (46%) were the C-locus alleles.

The probable associations in this cell were B*55:01-C*01:02 and B*57:01-C*06:02 with HF=0.00160 and HF=0.03701, respectively, in Caucasians.





Cell 1464. This Hispanic cell was previously typed as cells 1179 (2003) and 1216 (2004), as correctly noted by Askar, Claas, Lopez-Cepero, Mah, McCluskey, and Stamm. B35 was typed in complete consensus and B*35:17 was assigned by 54%. B*35:17 was detected in previous typed Hispanic exchange cells 967, 1016, 1063, 1114, 1199 (also cell 1175), and 1234.

B60 (93%) was the reported B40 split and corroborated as B*40:01 (54%)

A11 was reported in complete consensus and confirmed as A*11:01 (42%). A24 (98%) was the second A-locus antigen and corroborated as A*24:02 (41%).

The C-locus types were Cw3 (93%) and Cw4 (61%) and validated as C*03:04 (40%) and C*04:01 (38%), respectively.

One likely association in this cell was B*35:17-C*04:01. This association is found most commonly in Hispanics, with HF= 0.01631, and is absent in African American and Asian populations. The other possible association was B*40:01-C*03:04, which is found commonly across all populations, with HF= 0.01204 specifically in Hispanics.

References

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3. Domena JD, Little A-M, Arnett, KL, et al. A small test of a sequence-based typing method: Definition of the B*1520 allele. Tissue Antigens 1994:44:217-224.

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NEXT MAILING DATE: August 1, 2012

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

B-CELL LINE Ter 471

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5488	Adams,Sharon	*11:01:02	*15:02:01	*02:02	*01:10N	*03:19	*05:03:01	*01:03	*05	*01:01:01	*02:01:02	RSSO,SBT,SSP
8070	Ahn,Jaeie	*11	*15			*03	*05			*01	*02	P-SSP
4691	Ajlan,Abdula	*11:01/97+	*15:02			*03:19	*05:03/08/10					SSO
2332	Al-Awwami,M	*11:01/97+	*15:02			*03:19	*05:03/08/10					SSO,SSP
8075	Al-Baz,Nabe	*11:01	*15:02			*03:19	*05:03					SSO,SSP
774	Cecka,J.Mich	*11:01	*15:02/44+	*02:02/26/28	*01:02/10N	*03:19	*05:03/06/08+	*01:03	*05:05/08/09			SSP,SSOP
785	Chan,Soh Ha	*11:01/19	*15:02/15			*03:01/13+	*05:03	*01:03	*05:01/03/05-09			SBT
9916	Charlton,Ron	*11:01:02	*15:02:01	*02:02/26/28	*01:10N	*03:19	*05:03					SBT,SSP
9916	Charlton_LR	*11	*15	*+	*+	*03	*05					SSP
4492	Charron,D.	*11:01/106+	*15:02/60+	*02:02	*01:10N	*03:19	*05:03/10/13	*01:03	*05:05/11	*01:01	*02:01	SSO,SSP
3224	Chen,Dongfen	*11:01	*15:02	*02:02/26/28	*01:10N	*03:19	*05:03					SBT,SSP
8021	Clark,Brenda	*11:01	*15:02	*01:07/*02	*01/*02	*03:19	*05:03/08/10			*01:01	*02:01	P-SSP,SSO
3632	Colombe,Beth	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05/09			SSOP,SSP
5130	Costeas,Paul	*11:01	*15:02	*02:02	*01:02/10N	*03:19	*05:03	*01:03	*05:01/05			SSP
779	Daniel,Claud	*11	*15	*+	*+	*03(DQ7)	*05					P-SSP
5219	Daniel,Dolly	*11	*15	*+	*+	*03	*05					SSP,SSO
8052	Del Pozo,Ana	*11	*15:02/44			*03:19	*05:03/08/10	*01:03	*05:05/09			P-SSO
5323	Dhaliwal,J.S	*11:01	*15:02	*02	*01:02	*03:19	*05	*01	*05			SSP,SSO
5891	Du,Keming	*11:01/19	*15:02/15+			*03:19	*05:03					P-SBT
3135	Enczmann,J.	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03			*01:01	*02:01	SBT,SSP
8038	Fernandez-V	*11:01:02	*15:02:01	*02:02:01/28	*01:10N	*03:19	*05:03:01			*01:01:01	*02:01:02	SSO,SBT
762	Fischer/Mayr	*11:01	*15:02	*02:02/28	*01:10N	*03:01/09+	*05:03	*01:03	*05:05	*01:01	*02:01	SSO,SSP,SBT
4079	Fort,Marylis	*11:01/97+	*15:02			*03:19	*05:03/08/10	*01:03	*05:05/09			SSO
792	Gandhi,Manis	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05			SSO,SSP
810	Hamdi,Nuha	*11:01	*15:02			*03:19	*05:03	*01:03	*05:05			SSO
4269	Hanau,Daniel	*11:01:02	*15:02:01	*02:02/28/29N	*01:10N	*03	*05					SSO,+SBT-DR
1461	Hidajat,M.	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03			*01:01	*02:01	SSO,SSP
2344	Hurley/Hartz	*11:01:02	*15:02:01			*03:01:01+	*05:03:01+			*01:01:01	*02:01:02	SBT
859	Kamoun,Malek	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05	*01:01	*02:01	SBT,SSO,SSP
13	Kapoor/Park	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03					SSP
797	Kato,Shunich	*11:01	*15:02			*03:19	*05:03/08/10	*01:03	*05:05/09			SSO,+SBT-DR
4337	Kim,Tai-Gyu	*11:01/97	*15:02			*03:01	*05:03/08/10			*01:01	*02:01	SBT
168	Klein,Tirza	*11:01	*15:02			*03:19	*05:03					SSO,SSP
9000	Klein_LR	*11	*15			*03	*05					SSO,SSP
87	Land,Geoffre	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:01	*01:01	*02:01	SBT,SSO,SSP
725	Lardy,N,M.	*11	*15	*+	*+	*03	*05	*01	*05			SSO,SSP
278	Lee,Jar-How	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05/09	*01:01	*02:01	SSP,RVSSOP
5096	Lee,Sun-Ah	*11	*15									SSO
640	Lee,Young K	*11:01	*15:02			*03:01:01G	*05:03:01G	*01:03	*05:05			P-SBT
6649	Lim,Young Ae	*11	*15	*+	*+							SSP
274	Lo,Raymundo	*11	*15			*05:09	*05:09	*01:03	*05:05	*01:01	*16:01	SSO
731	Loewenthal,R	*11:01:02	*15:02:01			*03	*05					SBT,SSO
759	Lopez-Cepero	*11:01/12+	*15:02/08+	*02:02	*01:10N	*03:19	*05:03/08/10	*01:03	*05:05/09	*01:01	*02:01	RVSSO
23	Mah,Helen	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05/09	*01:01	*02:01	SSO,SSP
8029	Mani,Rama	*11	*15	*+	*+							SSP
206	McAlack-Hana	*11	*15	*02(DR52)	*01:10N	*03(DQ7)	*05	*01	*05			RVSSOP
8042	Muncher,Lior	*11:01	*15:02			*03:19	*05:03					SSO,SSP
9001	Muncher_LR	*11	*15			*03	*05					SSOP,SSP
3966	Permpikul&Ve	*11:01	*15:02	*02:02	*01:02	*03:01	*05:03					P-SSP
2400	Phelan,Donna	*11:01/97	*15:02	*02	*01:10N	*03:19	*05:03	*01:03	*05:05/09	*01:01	*02:01	RSSO,SBT,SSP
8001	Rao,Prakash	*11:01	*15:02	*02:02/28	*01:10N	*03:19	*05:03/08/10	*01:03	*05:05/09	*01:01	*02:01	RVSSO,SSP

B-CELL LINE Ter 471

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3753	Reed,Elaine	*11:01/19	*15:02/15+	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05/09			SBT,RSSO
3798	Reinsmoen,N	*11:01:02	*15:02:01	*02:02	*01:10N	*03:19	*05:03/08/10	*01:03	*05:05/09	*01:01	*02:01	SSO,SBT
3519	Renac,Virgi	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05/11	*01:01	*02:01	SBT,P-SSP
1160	Rosen-Bronso	*11:01/19	*15:02/15+	*02:02	*01:10N	*03:19	*05:03					SSP,SBT
793	Rubocki,Rona	*11	*15	*+	*+	*03(DQ7)	*05			*01:01	*02:01/*123:01	
4251	Schiller,J	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01	*05	*01:01	*02:01	P-RVSSO,SBT
8068	Shanmugam,He	*11	*15	*01	*01	*03	*05					P-SSP
746	Stamm,Luz	*11:01:02	*15:02	*02	*01:10N	*03:19	*05:03	*01:03	*05	*01:01	*02:01	SSO,SSP,SBT
747	Tiercy,Jean-	*11:01:02	*15:02:01	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05/09	*01:01:01	*02:01:02	RVSSO,SSP,SBT
5451	Tilanus,Marc	*11:01:02	*15:02:01	*02:02:01	*01:10N	*03:19	*05:03:01	*01:03:01	*05:05:01	*01:01:01	*02:01:02	SBT
4021	Trachtenberg	*11	*15:02	*02:02	*01:10N	*03:19	*05	*01:03	*05			SSO,SSP
5462	Turner,E.V.	*11:01:02	*15:02:01	*02:02	*01:10N	*03:19	*05:03/08/10			*01:01	*02:01/*123:01	SBT,SSO,SSP
5642	Varnavidou-N	*11:01/74+	*15:02/38+	*+	*+	*03:19	*05:03/06/08+					P-SSP
3511	Zeevi,Adrian	*11:01	*15:02	*02:02	*01:10N	*03:19	*05:03	*01:03	*05:05	*01:01	*02:02	RVSSOP,SSP

CTR	DIRNAME	DR11	DR15	DR52	DQ7	DQ1	OTH1
4492	Charron,D.	+	+	+	+	+	DR4,DR8
54	Pancoska,Car	+	+	+	+	+	
793	Rubocki,Rona	+	+	+	+	DQ5	DR51

B-CELL LINE Ter 471

65 DNA LABS

65 LABS REPORTING DRB1	
DRB1*11	43%
DRB1*11:01	40%
DRB1*11:01:02	17%
DRB*11	100% TOTAL
DRB1*15	36%
DRB1*15:02	49%
DRB1*15:02:01	15%
DRB1*15	100% TOTAL

62 LABS REPORTING DQB1	
DQB1*03	24%
DQB1*03:01	3%
DQB1*03:19	69%
DQB1*03:01:01G	2%
DQB1*03	98% TOTAL
DQB1*05	29%
DQB1*05:03/08/10	18%
DQB1*05:03	45%
DQB1*05:03:01	5%
DQB1*05:03:01G	2%
DQB1*05:09	1%
DQB1*05	100% TOTAL

33 LABS REPORTING DQA1	
DQA1*01	12%
DQA1*01:03	85%
DQA1*01:03:01	3%
DQA1*01	100% TOTAL
DQA1*05	37%
DQA1*05:05/09	36%
DQA1*05:01	3%
DQA1*05:05	21%
DQA1*05:05:01	3%
DQA1*05	100% TOTAL

45 LABS REPORTING DRB4	
DRB3*+	18%
DRB3*02:02	51%
DRB3*02:02:01	2%
DRB3*02	25%
DRB5*+	20%
DRB5*01:02	4%
DRB5*01:10N	69%
DRB5*01	7%

27 LABS REPORTING DPB1	
DPB1*01	4%
DPB1*01:01	78%
DPB1*01:01:01	18%
DPB1*01	100% TOTAL
DPB1*02	4%
DPB1*02:01	63%
DPB1*02:01:02	18%
DPB1*02:02	4%
DPB1*02	89% TOTAL

3 SEROLOGY LABS

DR11	100%
DR15	100%
DR52	100%

DQ7	100%
DQ1	67%
DQ5	33%
DQ1	100% TOTAL

B-CELL LINE Ter 472

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
5488	Adams,Sharon	*11:05	*15:02:01	*02:02	*01	*05:02:01	*06:02:01	*01:02	*01:04	*05var		RSSO,SBT,SSP
8070	Ahn,Jaeie	*11	*15			*05	*06			*05	*05	P-SSP
4691	Ajlan,Abdula	*11:05	*15:02			*05:02	*06:02					SSO
2332	Al-Awwami,M	*11:05	*15:02	*01-*03	*01/*02	*05:02	*06:02					SSP
8075	Al-Baz,Nabe	*11:05	*15:02			*05:02	*06:02					SSO,SSP
774	Cecka,J.Mich	*11:05	*15:02/44+	*02:02/26/28	*01:08N	*05:02/14	*06:02/33+	*01:02	*01:04			SSP,SSOP
785	Chan,Soh Ha	*11:05	*15:02			*05:02/05	*06:02	*01:02	*01:01+			SBT
9916	Charlton,Ron	*11:05	*15:02:01	*02:02	*01:08N	*05:02	*06:02					SBT,SSP
9916	Charlton_LR	*11	*15	*+	*+	*05	*06					SSP
4492	Charron,D.	*11:05	*15:02/60+	*02:02	*01:08N	*05:02/14	*06:02/47	*01:02/08+	*01:04	*05:01	*05:01	P-SSO,SSP
3224	Chen,Dongfen	*11:05	*15:02	*02:02/26/28	*01:08N	*05:02	*06:02					SBT,SSP
8021	Clark,Brenda	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02			*05:01		P-SSP,SSO
3632	Colombe,Beth	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:01/04/05			SSOP,SSP
5130	Costeas,Paul	*11:05	*15:02	*02:02	*01:02/08N	*05:02	*06:02	*01:02	*01:04			SSP
779	Daniel,Claud	*11:05	*15	*+	*01:08N	*05	*06					P-SSP
5219	Daniel,Dolly	*11	*15	*+	*+	*05	*06					SSP,SSO
8052	Del Pozo,Ana	*11:05	*15:02/44			*05:02	*06:02	*01:02	*01:01+			P-SSO
5323	Dhaliwal,J.S	*11:05	*15:02	*02	*01:08N	*05:02/14	*06:02/47	*01	*01			SSP,SSO
5891	Du,Keming	*11:05	*15:02/19			*05:02	*06:02					P-SBT
3135	Enczmann,J.	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02			*05:01		SBT,SSP
8038	Fernandez-V	*11:05	*15:02:01	*02:02:01/28	*01:08N	*05:02:01	*06:02:01			*05:01		SSO,SBT
762	Fischer/Mayr	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04	*05:01		SSO,SSP,SBT
4079	Fort,Marylis	*11:05	*15:02			*05:02/14	*06:02/47	*01:02+	*01:01/04/05			SSO
792	Gandhi,Manis	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04			SSO,SSP
810	Hamdi,Nuha	*11:05	*15:02			*05:02	*06:02	*01:02	*01:01			SSO
4269	Hanau,Daniel	*11:05	*15:02			*05	*06					SSP,+SBT-DR
1461	Hidajat,M.	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02			*05:01/*38:01/*97:01/var		SSO,SSP
2344	Hurley/Hartz	*11:05	*15:02:01			*05:02:01+	*06:02:01/47			*05:01:01+	*05:01:01+	SBT
859	Kamoun,Malek	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04	*05:01		SBT,SSO,SSP
13	Kapoor/Park	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02					SSP
797	Kato,Shunich	*11:05	*15:02			*05:02	*06:02	*01:02	*01:01/04/05			SSO,+SBT-DR
4337	Kim,Tai-Gyu	*11:05	*15:02			*05:02/14	*06:02/47			*05:01/*135:01		SBT
168	Klein,Tirza	*11:05	*15:02			*05:02	*06:02					SSO,SSP
9000	Klein_LR	NT										SSO,SSP
87	Land,Geoffre	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04	*05:01	*05:01	SBT,SSO,SSP
725	Lardy,N,M.	*11	*15	*+	*+	*05	*06	*01				SSO,SSP
278	Lee,Jar-How	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04	*05:01		SSP,RVSSOP
5096	Lee,Sun-Ah	*11	*15									SSO
640	Lee,Young K	*11:05	*15:02			*05:02	*06:02	*01:02:01	*01:04:01			P-SBT
6649	Lim,Young Ae	*11	*15	*+	*+							SSP
274	Lo,Raymundo	*11	*15			*05:02	*06:02	*01:02	*01	*05:01	*38:01	SSO
731	Loewenthal,R	*11:05	*15:02:01			*05	*06					SBT,SSO
759	Lopez-Cepero	*11:05+	*15:02/08+	*02:02	*01:02/08N	*05:02	*06:02	*01:02	*01:01/04/05	*05:01		RVSSO
23	Mah,Helen	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:01/04/05	*05:01	*05:01	SSO,SSP
8029	Mani,Rama	*11	*15	*+	*+							SSP
206	McAlack-Hana	*11	*15	*02	*01	*05	*06	*01	*01			RVSSOP
8042	Muncher,Lior	*11:05	*15:02			*05:02	*06:02					SSO,SSP
9001	Muncher_LR	*11	*15			*05	*06					SSOP,SSP
3966	Permpikul&Ve	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02					P-SSP
2400	Phelan,Donna	*11:05	*15:02	*02	*01:08N	*05:02	*06:02	*01:02	*01:01:01G	*05:01		RSSO,SBT,SSP
8001	Rao,Prakash	*11:05	*15:02	*02:02/28	*01:08N	*05:02/14	*06:02/47	*01:02/08+	*01:01/04/05	*05:01		RVSSO,SSP

B-CELL LINE Ter 472

CTR	DIRNAME	DRB1	DRB1X	DRB3	DRB5	DQB1	DQB1X	DQA1	DQA1X	DPB1	DPB1X	METHOD
3753	Reed,Elaine	*11:05	*15:02/19	*02:02	*01:02/08N	*05:02	*06:02	*01:02	*01:01/04/05			SBT,RSSO
3798	Reinsmoen,N	*11:05	*15:02:01	*02:02	*01:02/08N	*05:02	*06:02	*01:02	*01:01/04/05	*05:01		SSO,SBT
3519	Renac,Virgi	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04	*05:01		SBT,P-SSP
1160	Rosen-Bronso	*11:05	*15:02/19	*02:02	*01:08N	*05:02	*06:02					SSP,SBT
793	Rubocki,Rona	*11	*15	*+	*null	*05	*06					
4251	Schiller,J	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01	*01	*05:01	*05:01	P-RVSSO,SBT
8068	Shanmugam,He	*11	*15	*01	*01	*05	*06					P-SSP
746	Stamm,Luz	*11:05	*15:02	*02	*01:08N	*05:02	*06:02	*01:02	*01	*05:01	*05:01	SSO,SSP,SBT
747	Tiercy,Jean-	*11:05	*15:02:01	*02:02	*01:08N	*05:02	*06:02:01	*01:02	*01:01/04/05	*05:01		RVSSO,SSP,SBT
5451	Tilanus,Marc	*11:05	*15:02:01	*02:02:01	*01:08N	*05:02:01	*06:02:01	*01:02:01	*01:04:01	*135:01		SBT
4021	Trachtenberg	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01	*01:02			SSO,SSP
5462	Turner,E.V.	*11:05	*15:02:01	*02:02	*01:08N	*05:02	*06:02					SBT,SSO,SSP
5642	Varnavidou-N	*11:05	*15:02/38+	*+	*+	*05:02/14	*06:02/33+					P-SSP
3511	Zeevi,Adrian	*11:05	*15:02	*02:02	*01:08N	*05:02	*06:02	*01:02	*01:04	*05:01		RVSSOP,SSP

CTR	DIRNAME	DR11	DR15	DR52	DQ1
4492	Charron,D.	+	+	+	+
54	Pancoska,Car	+	+	+	+
793	Rubocki,Rona	+	+	+	DQ5

B-CELL LINE Ter 472

64 DNA LABS

64 LABS REPORTING DRB1		
DRB1*11	20%	
DRB1*11:05	80%	
DRB1*11	100%	TOTAL
DRB1*15	33%	
DRB1*15:02	53%	
DRB1*15:02:01	14%	
DRB1*15	100%	TOTAL

61 LABS REPORTING DQB1		
DQB1*05	21%	
DQB1*05:02/14	12%	
DQB1*05:02	62%	
DQB1*05:02:01	5%	
DQB1*05	100%	TOTAL
DQB1*06	21%	
DQB1*06:02/47	10%	
DQB1*06:02	62%	
DQB1*06:02:01	7%	
DQB1*06	100%	TOTAL

33 LABS REPORTING DQA1		
DQA1*01	24%	
DQA1*01:02	70%	
DQA1*01:02:01	6%	
DQA1*01	100%	TOTAL
DQA1*01	24%	
DQA1*01:01/04/05	27%	
DQA1*01:01	3%	
DQA1*01:02	3%	
DQA1*01:04	34%	
DQA1*01:04:01	6%	
DQA1*01:01:01G	3%	
DQA1*01	100%	TOTAL

45 LABS REPORTING DRB5	
DRB3*+	20%
DRB3*02:02	58%
DRB3*02:02:01	2%
DRB3*02	18%
DRB5*+	15%
DRB5*01:02/08N	9%
DRB5*null	2%
DRB5*01:08N	67%
DRB5*01	7%

25 LABS REPORTING DPB1		
DPB1*05	16%	
DPB1*05:01	76%	
DPB1*05	92%	TOTAL

3 SEROLOGY LABS

DR11	100%
DR15	100%
DR52	100%

DQ1	67%	
DQ5	33%	
DQ1	100%	TOTAL

**** Serum 1085 ****

Investigator	% POS	B13	B60	B61	B27	Other
Claas, F.H.J.	17	+	+	+		
Hogan, Patrick		+	+	+		
McCluskey, Jame	32	+	+	+	+	
Suciu-Foca, Nic	58	+	+	+	+	B49,B50,B44,B7 >
Watson, Narelle		+	+	+		B47

**** Serum 1086 ****

Investigator	% POS	B13	B60	B61	Other	Method
Claas, F.H.J.	21	+	+	+		STD
Hogan, Patrick		+	+	+		STD
McCluskey, Jame	29	+	+	+		STD
Suciu-Foca, Nic	50	+	+	+	B49,B50,B44,B27 >	STD
Watson, Narelle		+	+	+	B47	STD

**** Serum 1087 ****

Investigator	% POS	B60	B45	B50	B61	B62	B41	B13	Other
Claas, F.H.J.	29	+			+	+			
Hogan, Patrick		+	+				+		
McCluskey, Jame	29	+		+			+	+	B27
Suciu-Foca, Nic	41	+	+	+	+	+		+	A24,A2,B70,B49 >
Watson, Narelle		+	+	+					

**** Serum 1088 ****

Investigator	% POS	B60	B13	B61	B62	B49	B50	B41	B18	Other	Method
Claas, F.H.J.	33	+	+	+	+					B72	STD
Hogan, Patrick		+	+	+	+	+		+	+		STD
McCluskey, Jame	58	+	+	+	+		+	+		B75	STD
Suciu-Foca, Nic	55	+	+	+	+	+	+		+	B70,B44,B27,B51 >	STD
Watson, Narelle		+	+	+		+	+			B47	STD

**** Serum 1085 ****

Investigator	% POS	B13	B47	B61	B41	B49	B60	Other
Askar, Medhat Z	20	+	+	+			+	
Dunn, Paul		+	+	+	+	+		B48,B50,B44,B51 >
Lardy, N.M.	30	+	+	+	+	+	+	

**** Serum 1086 ****

Investigator	% POS	B13	B47	B61	B60	B41	Other	Method
Askar, Medhat Z	23	+	+	+	+			EXT
Dunn, Paul		+	+	+		+	B48,B49,B50,B18	EXT
Lardy, N.M.	25	+	+	+	+	+		EXT

**** Serum 1087 ****

Investigator	% POS	B41	B47	B50	B13	B49	B45	B60	B61	Other
Askar, Medhat Z	31	+	+	+	+	+	+	+		
Dunn, Paul		+	+	+	+	+			+	B48,B18
Lardy, N.M.	72	+	+	+	+	+	+	+	+	B70,B62,B44

**** Serum 1088 ****

Investigator	% POS	B13	B47	B49	B61	B50	B60	B44	B41	Other	Method
Askar, Medhat Z	34	+	+	+	+		+		+		EXT
Dunn, Paul		+	+	+	+	+		+		B48,B62,B27,B51 >	EXT
Lardy, N.M.	58	+	+	+	+	+	+	+	+	B45	EXT

*** Serum 1085 ***
5 typing Labs

Antigen	Consensus	Inclusion
B13	100%	79%
B60	100%	68%
B61	100%	46%
B27	40%	50%
B41	20%	100%
B44	20%	100%
B45	20%	100%
B49	20%	100%
B50	20%	100%
B7	20%	100%
B47	20%	29%

*** Serum 1086 ***
5 typing Labs

Antigen	Consensus	Inclusion
B13	100%	67%
B60	100%	67%
B61	100%	46%
B27	20%	100%
B44	20%	100%
B45	20%	100%
B49	20%	100%
B50	20%	100%
B7	20%	100%
B47	20%	14%

*** Serum 1087 ***
5 typing Labs

Antigen	Consensus	Inclusion
B60	100%	62%
B45	60%	67%
B50	60%	56%
B61	40%	100%
B62	40%	100%
B41	40%	75%
B13	40%	40%
A2	20%	100%
A23	20%	100%
A24	20%	100%
B18	20%	100%
B35	20%	100%
B39	20%	100%
B44	20%	100%
B49	20%	100%
B70	20%	100%
B8	20%	100%
B27	20%	50%

*** Serum 1088 ***
5 typing Labs

Antigen	Consensus	Inclusion
B60	100%	56%
B13	100%	55%
B61	100%	32%
B62	80%	55%
B49	60%	60%
B50	60%	50%
B41	40%	75%
B18	40%	33%
B27	20%	100%
B35	20%	100%
B38	20%	100%
B39	20%	100%
B44	20%	100%
B45	20%	100%
B51	20%	100%
B53	20%	100%
B70	20%	100%
B72	20%	100%
B75	20%	100%
B47	20%	20%

Method: NIH-Std

*** Serum 1085 ***
3 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B47	100%	100%
B61	100%	100%
B41	67%	100%
B49	67%	100%
B60	67%	100%
B44	33%	100%
B45	33%	100%
B48	33%	100%
B50	33%	100%
B51	33%	100%

*** Serum 1086 ***
3 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B47	100%	100%
B61	100%	100%
B60	67%	100%
B41	67%	50%
B18	33%	100%
B48	33%	100%
B49	33%	100%
B50	33%	100%

*** Serum 1087 ***
3 typing Labs

Antigen	Consensus	Inclusion
B41	100%	100%
B47	100%	100%
B50	100%	100%
B13	100%	83%
B49	100%	67%
B45	67%	100%
B60	67%	100%
B61	67%	100%
B18	33%	100%
B44	33%	100%
B48	33%	100%
B62	33%	100%
B70	33%	100%

*** Serum 1088 ***
3 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B47	100%	100%
B49	100%	100%
B61	100%	100%
B50	67%	100%
B60	67%	100%
B44	67%	71%
B41	67%	60%
B27	33%	100%
B35	33%	100%
B45	33%	100%
B48	33%	100%
B51	33%	100%
B52	33%	100%
B62	33%	100%
B71	33%	100%

Method: NIH-Ext

**** Serum 1085 ****

Investigator	% POS	B13	B41	B60	B61	A66	B27	B45	B48	B49	B50	B7	B75	B44	Other
Gandhi, Manish		+		+	+	+	+		+			+	+		B47
Hahn, Amy B. Ph		+	+				+		+				+	+	B40,B21,B12,B76 >
Mah, Helen	53	+	+	+	+			+	+	+	+		+	+	A3
Suciu-Foca, Nic	67	+	+	+	+	+	+	+		+	+	+		+	B51,B53

**** Serum 1086 ****

Investigator	% POS	B13	A66	B27	B48	B60	B61	B7	B41	B49	B44	Other	Method
Gandhi, Manish		+	+		+	+	+					B47	AHG
Hahn, Amy B. Ph		+	+	+	+			+	+	+		B40,B12,B73,B81	AHG
Mah, Helen	50	+		+	+	+	+	+			+		AHG
Suciu-Foca, Nic	67	+	+	+		+	+	+	+	+	+	B50,B45	AHG

**** Serum 1087 ****

Investigator	% POS	B45	B60	B50	B61	A24	A2	B13	B44	B8	Other
Gandhi, Manish		+	+	+							
Hahn, Amy B. Ph		+	+	+	+	+	+	+	+	+	B48,A3,B65,B41 >
Mah, Helen	45	+	+		+	+	+				A68
Suciu-Foca, Nic	53	+	+	+	+	+	+	+	+	+	B70,B62,B49,B27 >

**** Serum 1088 ****

Investigator	% POS	B13	B41	B49	B50	B60	B61	B44	B45	B48	B62	B76	Other	Method
Gandhi, Manish		+	+	+	+	+	+		+				B47	AHG
Hahn, Amy B. Ph		+	+							+	+	+	B40,B21,B75,B12 >	AHG
Mah, Helen	64	+	+	+	+	+	+	+		+		+		AHG
Suciu-Foca, Nic	42	+		+	+	+	+	+	+		+		B70,B27,B51,B53 >	AHG

**** Serum 1085 ****

Investigator	% POS	B61	B13	B27	B47	B60	B7	Other
Dunk, Arthur		+	+	+	+	+	+	
McAlack-Hanau,		+	+	+	+	+	+	B48,B78,B62,B49 >
McCluskey, Jame	37	+						

**** Serum 1086 ****

Investigator	% POS	B13	B27	B45	B47	B48	B49	B60	B61	B7	Other	Method
Dunk, Arthur		+	+	+	+	+	+	+	+	+		OTH
McAlack-Hanau,	NT											OTH
McCluskey, Jame	26											OTH

**** Serum 1087 ****

Investigator	% POS	B13	B27	B41	B44	B45	B47	B48	B49	B50	B60	B61	Other
Dunk, Arthur		+	+	+	+	+	+	+	+	+	+	+	
McAlack-Hanau,	NT												
McCluskey, Jame	NT												

**** Serum 1088 ****

Investigator	% POS	B13	B41	B44	B45	B47	B48	B49	B50	B60	B61	B7	Other	Method
Dunk, Arthur		+	+	+	+	+	+	+	+	+	+	+		OTH
McAlack-Hanau,	NT													OTH
McCluskey, Jame	NT													OTH

*** Serum 1085 ***
4 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B41	75%	100%
B60	75%	100%
B61	75%	100%
A66	50%	100%
B27	50%	100%
B45	50%	100%
B48	50%	100%
B49	50%	100%
B50	50%	100%
B7	50%	100%
B75	50%	100%
B44	50%	83%
B12	25%	100%
B21	25%	100%
B40	25%	100%
B46	25%	100%
B47	25%	100%
B51	25%	100%
B53	25%	100%
B73	25%	100%
B76	25%	100%
B81	25%	100%
A3	25%	88%

*** Serum 1086 ***
4 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
A66	75%	100%
B27	75%	100%
B48	75%	100%
B60	75%	100%
B61	75%	100%
B7	75%	100%
B41	50%	100%
B49	50%	100%
B44	50%	67%
B12	25%	100%
B40	25%	100%
B45	25%	100%
B47	25%	100%
B50	25%	100%
B73	25%	100%
B81	25%	100%

*** Serum 1087 ***
4 typing Labs

Antigen	Consensus	Inclusion
B45	100%	100%
B60	100%	80%
B50	75%	100%
B61	75%	80%
A24	75%	64%
A2	75%	63%
B13	50%	100%
B44	50%	100%
B8	50%	100%
A23	25%	100%
A3	25%	100%
B18	25%	100%
B27	25%	100%
B35	25%	100%
B39	25%	100%
B41	25%	100%
B48	25%	100%
B49	25%	100%
B62	25%	100%
B65	25%	100%
B70	25%	100%
B71	25%	100%
B81	25%	100%
BW6	25%	100%
A68	25%	80%

*** Serum 1088 ***
4 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B41	75%	100%
B49	75%	100%
B50	75%	100%
B60	75%	100%
B61	75%	100%
B44	50%	100%
B45	50%	100%
B48	50%	100%
B62	50%	100%
B76	50%	100%
B12	25%	100%
B18	25%	100%
B21	25%	100%
B27	25%	100%
B35	25%	100%
B37	25%	100%
B38	25%	100%
B39	25%	100%
B40	25%	100%
B47	25%	100%
B51	25%	100%
B53	25%	100%
B7	25%	100%
B70	25%	100%
B75	25%	100%
B77	25%	100%
B81	25%	100%

Method: Antiglobulin

*** Serum 1085 ***
3 typing Labs

Antigen	Consensus	Inclusion
B61	100%	100%
B13	67%	100%
B27	67%	100%
B47	67%	100%
B60	67%	100%
B7	67%	100%
A6602	33%	100%
B35	33%	100%
B41	33%	100%
B44	33%	100%
B45	33%	100%
B46	33%	100%
B48	33%	100%
B49	33%	100%
B50	33%	100%
B51	33%	100%
B52	33%	100%

*** Serum 1086 ***
2 typing Lab

Antigen	Consensus	Inclusion
B13	50%	100%
B27	50%	100%
B45	50%	100%
B47	50%	100%
B48	50%	100%
B49	50%	100%
B60	50%	100%
B61	50%	100%
B7	50%	100%

*** Serum 1087 ***
1 typing Lab

Antigen	Consensus	Inclusion
B13	100%	100%
B27	100%	100%
B41	100%	100%
B44	100%	100%
B45	100%	100%
B47	100%	100%
B48	100%	100%
B49	100%	100%
B50	100%	100%
B60	100%	100%
B61	100%	100%

*** Serum 1088 ***
1 typing Lab

Antigen	Consensus	Inclusion
B13	100%	100%
B41	100%	100%
B44	100%	100%
B45	100%	100%
B47	100%	100%
B48	100%	100%
B49	100%	100%
B50	100%	100%
B60	100%	100%
B61	100%	100%
B7	100%	100%

Method: Other

**** Serum 1085 ****

Investigator	% POS	B13	B41	B48	B60	B61	B27	B44	B7	B47	B49	B35	B45	B50	B73	B8	B53	B56	B63	B81	B46	B51	B62	B72	B75	CW9	B71	B77	B78	CW10	CW2	B52	B57	CW1	A66	CW17	Other	Method
Al-Attas, Rabab		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	B76,B58,B42,B59 >	LMX
Al-Baz, Nabeela		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B76,B58,B42,CW14 >	LMX
Askar, Medhat Z.	95	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	B76,B58,B42,CW14 >	LMX
Baker, Judy		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+			+	+		+	+	+	+	+		+				LMX
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	B76,B58,B42,CW14 >	LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				B2708,A6602	LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	A6602	LMX
Gandhi, Manish M		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,A29,A80,B76 >	LMX
Gideoni, Osnat	88	+	+	+	+	+	+	+	+	+	+	+		+		+	+	+		+				+			+										B82,B54,A25,A29 >	LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B42,CW14,CW18	LMX
Hamdi, Nuha	67	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			LMX
Harville, Terry		+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+		B8101,B2708	LMX
Hogan, Patrick		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		A11,A29,B76,B42 >	LMX
Holdsworth, Rhon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	A80,B76,B58,B42 >	LMX
JunHe,		+	+	+	+	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+		+	+	+	+			+	+		+	+	+	B2708	LMX
Kapoor, Parkman/		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Klein, Tirza	80	+	+	+	+	+	+		+	+		+		+	+			+	+	+			+	+			+								+		B82,B54,A25,A33 >	LMX
Loewenthal MD, R	94	+	+		+	+		+	+				+															+								A1,A25,A23,B58	LMX
Mah, Helen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+			+	+				A29,A80,B76,B58 >	LMX
McAlack-Hanau,	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+					LMX
McCluskey, James	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+			+	+	+						A11,B703,A29,B8101 >	LMX
Meyer, Pieter Wa	98			+														+																			CW4,CW6,B40,B15 >	LMX
Ozawa, Mikki		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Pais, Maria Luis		+	+	+	+	+	+	+	+	+	+		+	+	+	+				+	+	+				+				+	+			+				LMX
Pancoska, Carol		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			LMX
Permpikul, Vejba		+	+	+	+	+	+	+	+	+	+		+							+																		LMX
Phelan, Donna		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	A6602	LMX
Ramon, Daniel Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+		+	+	+	+	+		+	B76,B58,B42,B8101 >	LMX
Rosen-Bronson, S	97	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B76,B58,B42,CW14 >	LMX
Suciu-Foca, Nico		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B58,B42,CW14,CW18 >	LMX
Tabary, Thierry	78	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	B2708,A6602	LMX
Turner, E.V. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+	+	+	+	+	+		+				LMX
Vidan-Jeras, Bla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW18	LMX

**** Serum 1086 ****

Investigator	% POS	B13	B27	B60	B61	B73	B44	B48	B7	B41	B45	B47	B49	B50	B53	B81	B35	B42	B55	B67	B72	B82	CW2	B76	B62	B51	B78	B71	A66	B18	B38	B52	B59	A6602	B77	B2708	Other	Method
Al-Attas, Rabab		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+			B39,CW17	LMX
Al-Baz, Nabeela		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		B75,B39,B37	LMX
Askar, Medhat Z.		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	B75,B39,CW17	LMX
Baker, Judy		+	+	+	+	+	+	+	+	+	+	+	+	+		+				+			+						+									LMX
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	B75,B39,B37,CW17	LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+		+		LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+				LMX
Gandhi, Manish M		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		A24,B75,B56,B39 >	LMX
Gideoni, Osnat	72	+	+	+	+	+	+	+	+	+		+	+	+	+	+				+		+								+		+		+			B46	LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								CW17	LMX
Hamdi, Nuha	53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+									LMX
Harville, Terry		+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+	+	+		+	+	+	+			+							+	B8101,B8201	LMX
Hogan, Patrick		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+		+	+		+	+								LMX
Holdsworth, Rhon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	B75,B56,B39,B37 >	LMX
JunHe,		+	+	+	+	+	+	+	+	+	+		+		+	+	+		+	+	+		+	+	+				+							+	CW10,CW9	LMX
Kapoor, Parkman/		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				+					LMX
Klein, Tirza	72	+	+	+	+	+		+	+	+	+	+	+	+	+	+					+	+							+	+		+	+				B46	LMX
Loewenthal MD, R	86	+	+	+	+		+		+	+					+																+			+	+		A24,A25,A30,A31 >	LMX
Mah, Helen		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+		+	+	+	+	+	+	+	A24,B75,B56,B37 >	LMX
McAlack-Hanau,	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+		+														LMX
McCluskey, James	26	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+				+	+				+							+		+	B703	LMX
Meyer, Pieter Wa	82					+			+										+										+	+	+						CW4,CW6,A24,B40 >	LMX
Ozawa, Mikki		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+									LMX
Pais, Maria Luis		+	+	+	+	+	+	+	+	+	+	+	+	+		+							+						+									LMX
Pancoska, Carol	38	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+			+									LMX
Permpikul, Vejba		+	+	+	+	+	+	+	+		+	+				+																					B37	LMX
Phelan, Donna		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						+			CW17	LMX
Ramon, Daniel Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+	+		+		+	+	+	+	+	+	+	B75,B37,B8101,CW17 >	LMX
Rosen-Bronson, S	91	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+		B75,B39,CW17,CW18	LMX
Suciu-Foca, Nico		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		B75,B7C	LMX
Tabary, Thierry	53	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+	+	+	+	+	+							+	CW1	LMX
Turner, E.V. PhD	NT																																					LMX
Vidan-Jeras, Bla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		B75,B56,B39,CW17	LMX

**** Serum 1087 ****

Investigator	% POS	A24	B49	B13	B18	B45	B48	B50	B60	B61	B72	A2	A23	B35	B41	B62	B8	A68	B42	B44	B47	B54	B55	B56	B7	B71	B75	A69	B76	B81	B67	B78	B39	CW18	B53	B64	B65	Other	Method
Al-Attas, Rabab		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B51,B82,B77 >	LMX
Al-Baz, Nabeela		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B27,B51,B52 >	LMX
Askar, Medhat Z.	99	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,A203,B51 >	LMX
Baker, Judy		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+					+	+	+	+	+			+	+				B27,CW15	LMX
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A203,B51,B82 >	LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B51,B82,B77 >	LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B27,B51,B82 >	LMX
Gandhi, Manish M		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B27,B51 >	LMX
Gideoni, Osnat	94	+	+	+	+		+	+	+	+	+				+		+		+	+	+	+	+	+	+					+	+						A11,B27,B82,A29 >	LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B27,B51 >	LMX
Hamdi, Nuha	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	CW6,B27,B82,CW2 >	LMX
Harville, Terry		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	CW6,B51,B38,B8101 >	LMX
Hogan, Patrick		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+			CW4,CW6,B27,B51 >	LMX
Holdsworth, Rhon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B51,B52 >	LMX
JunHe,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,A203,B82,A29 >	LMX
Kapoor, Parkman/		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B27,B51,B82 >	LMX
Klein, Tirza	94		+		+	+	+	+	+	+	+			+	+	+	+		+			+	+	+	+					+	+	+	+					B27,B38	LMX
Loewenthal MD, R	94	+	+	+	+	+						+	+	+			+	+																				A11,B40,A26,A30 >	LMX
Mah, Helen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	A203,B51,B52,A80 >	LMX
McAlack-Hanau,	47	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	B82,B77	LMX
McCluskey, James	50	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+			B82,B703,CW2,CW5 >	LMX
Meyer, Pieter Wa	96	+																																				CW4,CW6,A43,CW1 >	LMX
Ozawa, Mikki		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B27,B51,B82 >	LMX
Pais, Maria Luis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	CW6,B27,B82,CW2 >	LMX
Pancoska, Carol	60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B27,B51,B82 >	LMX
Permpikul, Vejba		+	+	+		+	+	+	+	+	+	+	+			+											+											A29,A30,A31	LMX
Phelan, Donna		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B51,B82,B77 >	LMX
Ramon, Daniel Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+	CW4,CW6,B51,B52 >	LMX
Rosen-Bronson, S	100	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B51,B82 >	LMX
Suciu-Foca, Nico		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW4,CW6,B27,B51 >	LMX
Tabary, Thierry	93	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B51,B82,B77 >	LMX
Turner, E.V. PhD	NT																																						LMX
Vidan-Jeras, Bla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	CW6,B27,B51,B82 >	LMX

**** Serum 1088 ****

Investigator	% POS	B49	B41	B60	B61	B13	B18	B35	B45	B47	B48	B50	B62	B72	A30	B37	B44	B53	B71	B75	A31	B38	B76	B77	B27	B7	B51	B81	B59	B78	B39	B52	B64	B73	B65	CW8	Other	Method
Al-Attas, Rabab		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A33,CW5,A6602	LMX
Al-Baz, Nabeela		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A33,CW5	LMX
Askar, Medhat Z.	94	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A33,CW5,B2708,A6602	LMX
Baker, Judy		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+	+	+	+	+	+	+	+						LMX
Dunn, Paul		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	A33,A74,CW5,B2708 >	LMX
Eckels/CPMC,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			B2708,A6602	LMX
Fort, Marylise		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A33,CW5,A6602	LMX
Gandhi, Manish M		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,B56,B67,A33 >	LMX
Gideoni, Osnat	88	+	+	+	+	+	+	+		+	+	+			+	+									+	+		+								B54,A34,A74,A68 >	LMX
Hahn, Amy B. PhD		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A33,CW5,A6602	LMX
Hamdi, Nuha	78	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A33,CW5	LMX
Harville, Terry		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+	+	+	+	+		B8101,B2708,B7801	LMX
Hogan, Patrick		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+					+	A66,CW5	LMX
Holdsworth, Rhon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A33,A74,CW5,B2708 >	LMX
JunHe,		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	CW4,CW6,A66,CW2 >	LMX
Kapoor, Parkman/		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A33	LMX
Klein, Tirza	80	+	+	+	+		+	+	+		+	+	+	+	+			+	+	+	+	+				+		+		+		+				B46	LMX
Loewenthal MD, R	90	+	+	+	+	+	+	+	+	+		+	+	+	+			+			+			+												B82,B54,A23,A68 >	LMX
Mah, Helen		+	+	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+			+	+	+	+	B55,B56,B67,A33 >	LMX
McAlack-Hanau,	40	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
McCluskey, James	37	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+		+						+	CW5,B2708,A6602,B3901	LMX
Meyer, Pieter Wa	96	+															+																			CW4,CW6,B15,A1 >	LMX
Ozawa, Mikki		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A33	LMX
Pais, Maria Luis		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+		+				LMX
Pancoska, Carol	46	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				LMX
Permpikul, Vejba		+	+	+	+	+		+	+	+	+	+	+	+	+	+	+		+	+	+		+															LMX
Phelan, Donna		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A33,CW5,A6602	LMX
Ramon, Daniel Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+		+			+	+	+	+	+	B55,B56,B67,A33 >	LMX
Rosen-Bronson, S	92	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A33,CW5	LMX
Suciu-Foca, Nico		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	A66,A33,CW5,B7C	LMX
Tabary, Thierry	82	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B2708,A6602	LMX
Turner, E.V. PhD	NT																																					LMX
Vidan-Jeras, Bla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A66,A33,CW5	LMX

*** Serum 1085 ***
33 typing Labs

Antigen	Consensus	Inclusion
B13	97%	100%
B41	97%	100%
B48	97%	100%
B60	97%	100%
B61	97%	100%
B27	94%	100%
B44	94%	100%
B7	94%	100%
B47	91%	100%
B49	91%	100%
B35	88%	100%
B45	88%	100%
B50	88%	100%
B73	88%	100%
B8	88%	100%
B53	85%	100%
B56	85%	100%
B63	85%	100%
B81	85%	100%
B46	82%	100%
B51	82%	100%
B62	82%	100%
B72	82%	100%
B75	82%	100%
CW9	82%	100%
B71	79%	100%
B77	79%	100%
B78	79%	100%
CW10	79%	100%
CW2	79%	100%
B52	76%	100%
B57	67%	100%
CW1	64%	100%
A66	52%	50%
CW17	42%	100%
B58	39%	100%
A6602	36%	100%
B42	36%	100%
CW18	36%	100%
B2708	30%	100%
B76	30%	100%
CW14	30%	100%
A29	15%	100%

*** Serum 1086 ***
32 typing Labs

Antigen	Consensus	Inclusion
B13	97%	100%
B27	97%	100%
B60	97%	100%
B61	97%	100%
B73	97%	100%
B44	94%	100%
B48	94%	100%
B7	94%	100%
B41	91%	100%
B45	91%	100%
B47	91%	100%
B49	91%	100%
B50	88%	100%
B53	88%	100%
B81	84%	100%
B35	75%	100%
B42	75%	100%
B55	75%	100%
B67	75%	100%
B72	75%	100%
B82	75%	100%
CW2	75%	100%
B76	72%	100%
B62	69%	100%
B51	69%	75%
B78	59%	100%
B71	56%	100%
A66	56%	67%
B18	44%	100%
B38	41%	100%
B52	41%	100%
B59	41%	100%
A6602	38%	100%
B77	34%	100%
B2708	31%	100%
CW17	31%	100%
B75	31%	50%
B39	25%	100%
B37	22%	100%

*** Serum 1087 ***
32 typing Labs

Antigen	Consensus	Inclusion
A24	97%	100%
B49	97%	100%
B13	94%	100%
B18	94%	100%
B45	94%	100%
B48	94%	100%
B50	94%	100%
B60	94%	100%
B61	94%	100%
B72	94%	100%
A2	91%	100%
A23	91%	100%
B35	91%	100%
B41	91%	100%
B62	91%	100%
B8	91%	100%
A68	88%	100%
B42	88%	100%
B44	88%	100%
B47	88%	100%
B54	88%	100%
B55	88%	100%
B56	88%	100%
B7	88%	100%
B71	88%	100%
B75	88%	100%
A69	84%	100%
B76	84%	100%
B81	84%	100%
B67	81%	100%
B78	81%	100%
B39	78%	100%
CW18	78%	100%
B53	75%	100%
B64	75%	100%
B65	75%	100%
B82	75%	100%
CW15	75%	100%
CW17	75%	100%
CW2	75%	100%
CW5	75%	100%
CW6	75%	100%
B38	66%	100%
B51	66%	100%
B77	66%	100%
B37	47%	100%
B27	47%	50%
B2708	41%	100%
CW8	38%	100%
B59	34%	100%
CW4	28%	100%
A2403	19%	100%
B52	19%	100%

*** Serum 1088 ***
32 typing Labs

Antigen	Consensus	Inclusion
B49	100%	100%
B41	97%	100%
B60	97%	100%
B61	97%	100%
B13	94%	100%
B18	94%	100%
B35	94%	100%
B45	94%	100%
B47	94%	100%
B48	94%	100%
B50	94%	100%
B62	94%	100%
B72	94%	100%
A30	91%	100%
B37	91%	100%
B44	91%	100%
B53	91%	100%
B71	91%	100%
B75	91%	100%
A31	88%	100%
B38	88%	100%
B76	88%	100%
B77	88%	100%
B27	84%	100%
B7	84%	100%
B51	81%	100%
B81	81%	100%
B59	78%	100%
B78	78%	100%
B39	75%	100%
B52	72%	100%
B64	72%	100%
B73	69%	100%
B65	62%	100%
CW8	62%	100%
A33	56%	83%
CW5	53%	100%
A6602	41%	100%
B2708	31%	100%
A66	31%	50%
A74	12%	100%

Method: Luminex

**** Serum 1085 ****

Investigator	% POS	B13	B27	B7	Other	Method
Alvarez, Carret	25	+	+	+	B40,B49,B44,B51>	FC
Eckels/CPMC,	88					FC
Esteves-Kondo,	88	+	+	+	B60,B61,B48,B47>	FC

**** Serum 1086 ****

Investigator	% POS	B13	B27	B7	Other	Method
Alvarez, Carret	22	+	+	+	B40,B49,B44,B45	FC
Eckels/CPMC,	89					FC
Esteves-Kondo,	89	+	+	+	B60,B61,B48,B47>	FC

**** Serum 1087 ****

Investigator	% POS	A23	A24	B13	B55	Other	Method
Alvarez, Carret	50	+	+	+	+	A9,A2,B40,B15>	FC
Eckels/CPMC,	95						FC
Esteves-Kondo,	94	+	+	+	+	B61,B48,A69,B42	FC

**** Serum 1088 ****

Investigator	% POS	B13	B45	B49	Other	Method
Alvarez, Carret	41	+	+	+	B40,B15,B44,B27>	FC
Eckels/CPMC,	96					FC
Esteves-Kondo,	91	+	+	+	B60,B61,B50,B47>	FC

**** Serum 1085 ****

Investigator	% POS	B27	B60	B61	B7	B13	B41	B48	B44	B45	B47	B49	B50	B81	Other	Method
Esteves Kondo,	88	+	+	+	+	+	+	+			+					EIA
Esteves-Kondo,	73	+	+	+	+	+	+	+				+				EIA
Hahn, Amy B. Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B51,B52,B53>	EIA
Vidan-Jeras, Bl	42	+	+	+	+				+	+			+	+		EIA

**** Serum 1086 ****

Investigator	% POS	B13	B27	B48	B60	B7	B61	B44	B41	B45	B47	B81	B49	Other	Method
Esteves Kondo,	89	+	+	+	+	+	+		+		+				EIA
Esteves-Kondo,	45	+	+	+	+	+	+	+					+		EIA
Hahn, Amy B. Ph		+	+	+	+	+	+	+	+	+	+	+	+	B50,B55	EIA
Vidan-Jeras, Bl	50	+	+	+	+	+	+	+		+		+			EIA

**** Serum 1087 ****

Investigator	% POS	A24	B48	A23	A69	B60	B42	B18	B41	B44	B45	B55	B61	B71	B72	B8	Other	Method
Esteves Kondo,	94	+	+	+	+		+					+	+				B13	EIA
Esteves-Kondo,	86	+	+	+	+	+	+			+							B7	EIA
Hahn, Amy B. Ph		+	+			+	+	+	+	+	+	+	+	+	+	+	B78,B62,B49,B50>	EIA
Vidan-Jeras, Bl	67	+	+	+	+	+		+	+		+			+	+	+	A2	EIA

**** Serum 1088 ****

Investigator	% POS	B13	B41	B45	B49	B60	B44	B48	B50	B61	B27	B38	B47	B62	B72	Other	Method
Esteves Kondo,	91	+	+	+	+	+			+	+			+				EIA
Esteves-Kondo,	89	+	+	+	+	+	+	+						+			EIA
Hahn, Amy B. Ph		+	+	+	+	+	+	+	+	+	+	+	+	+	+	B78,B51,B52,B53>	EIA
Vidan-Jeras, Bl	57	+	+	+	+	+	+	+	+	+	+	+			+	B64	EIA

*** Serum 1085 ***
3 typing Labs

Antigen	Consensus	Inclusion
B13	67%	100%
B27	67%	100%
B7	67%	100%
B40	33%	100%
B41	33%	100%
B44	33%	100%
B45	33%	100%
B47	33%	100%
B48	33%	100%
B49	33%	100%
B51	33%	100%
B60	33%	100%
B61	33%	100%

*** Serum 1086 ***
3 typing Labs

Antigen	Consensus	Inclusion
B13	67%	100%
B27	67%	100%
B7	67%	100%
B40	33%	100%
B41	33%	100%
B44	33%	100%
B45	33%	100%
B47	33%	100%
B48	33%	100%
B49	33%	100%
B60	33%	100%
B61	33%	100%

*** Serum 1087 ***
3 typing Labs

Antigen	Consensus	Inclusion
A23	67%	100%
A24	67%	100%
B13	67%	100%
B55	67%	100%
A2	33%	100%
A68	33%	100%
A69	33%	100%
A9	33%	100%
B12	33%	100%
B14	33%	100%
B15	33%	100%
B18	33%	100%
B35	33%	100%
B40	33%	100%
B42	33%	100%
B44	33%	100%
B45	33%	100%
B48	33%	100%
B49	33%	100%
B61	33%	100%
B7	33%	100%
B8	33%	100%

*** Serum 1088 ***
3 typing Labs

Antigen	Consensus	Inclusion
B13	67%	100%
B45	67%	100%
B49	67%	100%
A30	33%	100%
A31	33%	100%
B12	33%	100%
B15	33%	100%
B18	33%	100%
B27	33%	100%
B35	33%	100%
B38	33%	100%
B40	33%	100%
B41	33%	100%
B44	33%	100%
B47	33%	100%
B50	33%	100%
B60	33%	100%
B61	33%	100%
B7	33%	100%

Method: Flow cytometry

*** Serum 1085 ***
4 typing Labs

Antigen	Consensus	Inclusion
B27	100%	100%
B60	100%	100%
B61	100%	100%
B7	100%	100%
B13	75%	100%
B41	75%	100%
B48	75%	100%
B44	50%	100%
B45	50%	100%
B47	50%	100%
B49	50%	100%
B50	50%	100%
B81	50%	100%
B35	25%	100%
B46	25%	100%
B51	25%	100%
B52	25%	100%
B53	25%	100%
B63	25%	100%
B78	25%	100%

*** Serum 1086 ***
4 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B27	100%	100%
B48	100%	100%
B60	100%	100%
B7	100%	100%
B61	100%	75%
B44	75%	100%
B41	50%	100%
B45	50%	100%
B47	50%	100%
B81	50%	100%
B49	50%	67%
B50	25%	100%
B55	25%	100%

*** Serum 1087 ***
4 typing Labs

Antigen	Consensus	Inclusion
A24	100%	100%
B48	100%	100%
A23	75%	100%
A69	75%	100%
B60	75%	100%
B42	75%	75%
B18	50%	100%
B41	50%	100%
B44	50%	100%
B45	50%	100%
B55	50%	100%
B61	50%	100%
B71	50%	100%
B72	50%	100%
B8	50%	100%
A2	25%	100%
B13	25%	100%
B27	25%	100%
B35	25%	100%
B39	25%	100%
B47	25%	100%
B49	25%	100%
B50	25%	100%

*** Serum 1088 ***
4 typing Labs

Antigen	Consensus	Inclusion
B13	100%	100%
B41	100%	100%
B45	100%	100%
B49	100%	100%
B60	100%	100%
B44	75%	100%
B48	75%	100%
B50	75%	100%
B61	75%	100%
B27	50%	100%
B38	50%	100%
B47	50%	100%
B62	50%	100%
B72	50%	100%
A31	25%	100%
B18	25%	100%
B35	25%	100%
B37	25%	100%
B39	25%	100%
B51	25%	100%
B52	25%	100%
B53	25%	100%
B59	25%	100%

Method: Elisa

INVESTIGATOR	DNA EXTRACT #549 (Caucasian)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
5488 Adams,Sharon	*02:01:01	*23:01/17	*44:09/46	*44:13/67	*04	*05:01:01/25	
4691 Ajlan,Abdula	*02	*23	*44	*44	*04	*05	SSO
2332 Al-Awwami,Mo	*02	*23	*44		*04	*05	SSP,RSSO
5133 Baker,Judy	*02:01:01	*23:01:01/17	*44:09	*44:13	*04:01:01/09N/30+	*05:01:01	SSP,SSO
4345 Blasczyk,Rai	*02:01:01G	*23:01:01G	*44:09	*44:13	*04:01:01G	*05:01P	PCR-SBT
785 Chan,Soh Ha	*02	*23:01/04/07N+	*44:09/46	*44:13/67	*04:01/09N/28/30+	*05:01/03/37/25	
9916 Charlton,Ron	*02:01:01	*23:01/17	*44:09/46	*44:13/67	*04:01:01:01	*05:01:01:02	SSP,SBT
9916 Charlton_LR	*02	*23	*44	*44/*40/*35:154	*04	*05	SSP
3224 Chen,Dongfen	*02:01	*23:01/17	*44:09/46	*44:13/67	*04	*05:01	SBT
8021 Clark,Brenda	*02:01:01+	*23:01+	*44:09	*44:03/04/07/13+	*04:01:01+	*05:01+	PCR-SSP
1108 Clark,Traci	*02	*23	*44	*44	*04	*05	RSSO
5219 Daniel,Dolly	*02	*23	*44	*44			PCR-SSP,SSO
5323 Dhaliwal,J.S	*02	*23	*44:09	*44:13	*04	*05	PCR-SSP,SSO
5891 Du,Keming	*02:01/36/90	*23:01/17/04/12	*44:09/46	*44:13/67	*04:01/09N/10/30+	*05:01/46/25	PCR-SBT
3766 Dunn,Paul	*02	*23	*44:09/46	*44	*04	*05	
3135 Enczmann,J.	*02:01/01L	*23:01	*44:09	*44:13	*04:01	*05:01	SBT,SSO,SSP
8038 Fernandez-V	*02:01:01/01:01L	*23:01:01/17	*44:09	*44:13	*04:01:01/30/82	*05:01:01	SSO,SSP,SBT
762 Fischer&Mayr	*02	*23	*44		*04:01/09N/30	*05:01	SSO,SSP,SBT
4079 Fort,Marylis	*02:01/77/101/200+	*23:01/48-50	*44:09/46	*44:13/67	*04:01/09N/28/30	*05:01/47/49+	PCR-SSP,SSO
8022 Hedlund,Anna	*02:01/77	*23:01	*44		*04:01	*05:01	SSP
1461 Hidajat,Mela	*02:01	*23:01	*44:09	*44:13	*04:01	*05:01	SSO,SSP,SBT
615 Holdsworth,R	*02:01:01G	*23:01:01G	*44:09	*44:13	*04:01:01G	*05:01:01G	SBT
745 Holman,Richa	*02:01:01	*23:01:01	*44:09/46	*44:13/67	*04:01:01	*05:01:01	SSO,SSP,SBT
2344 Hurley&Hartz	*02:01:01:01+	*23:01:01/01:05+	*44:09	*44:13	*04:01:01:01+	*05:01:01:01+	SBT,SSO
13 Kapoor/Park	*02:01	*23:01	*44:09	*44:13	*04:01	*05:01	SSP
1694 Kissel&Hess	*02	*23	*44		*04	*05	
87 Land,Geoff	*02:01	*23:01	*44:09	*44:13	*04:01	*05:01	SBT,SSO,SSP
278 Lee,Jar-How	*02:01	*23:01	*44:09/46	*44:13/67	*04:01	*05:01	SSP,RSSO
640 Lee,Kyung Wh	*02:01	*23:01/17	*44:09/46	*44:13/67	*04:01/09N/30/82	*05:01	PCR-SBT
5096 Lee,Sun-Ah	*02	*23	*44	*44			SSO
8042 Muncher,Lior	*02:01	*23:01	*44:09	*44:13	*04:01	*05:01	SSO,SSP
9001 Muncher_LR	*02	*23	*44		*04	*05	SSO,SSP
2847 Narisawa,Tad	*02	*23	*44	*44	*04	*05	RSSO
3966 Permpikul&Ve	*02	*23	*44	*44	*04	*05	PCR-SSP
2400 Phelan,Donna	*02:01	*23:01/17	*44:09	*44:13	*04:01:01G	*05:01	RSSO,SBT,SSP
3753 Reed,Elaine	*02:01/36/90	*23:01/04/12/17	*44:09/46	*44:13/67	*04:01/09N/10/30+	*05:01/25/46	SBT
3798 Reinsmoen,N	*02:01:01/01L	*23:01:01/17	*44:09/46	*44:13/67	*04:01/09N/30/82	*05:01:01	PCR-SSO,SBT
4251 Schiller,J	*02:01P	*23:01P	*44:09	*44:13	*04:01P	*05:01	PCR-RSSO,SBT
3545 Scornik,Juan	*02:01/01L	*23:01/17	*44:09	*44:13	*04:01/09N/30/82	*05:01	SSO,SBT,SSP
8068 Shanmugam,He	*02	*23	*44	*44	*04	*05	SSP
746 Stamm,Luz	*02:01	*23:01	*44:09	*44:13	*04:01	*05:01	RSSO,SSP,SBT
4021 Trachtenberg	*02	*23	*44	*44	*04	*05	SSO,SSP
5462 Turner,E.V.	*02:01	*23:01/17	*44:09/46	*44:13/67	*04:01	*05:01	SEQ,SSP,SSO
797 Yabe,Hiromasa	*02:01/01L	*23:01/17	*44:09/46	*44:13/67	*04:01/09N/30	*05:01	SSO,SBT

	INVESTIGATOR	DNA EXTRACT #550 (Chinese)						
CTR	NAME	A1		B1	B2	C1	C2	method
5488	Adams,Sharon	*11:01:01/04	*24:03:01/10	*15:02:01	*55:02:01	*08:01:01/22	*12:03:01	
4691	Ajlan,Abdula	*11	*24	*15	*55	*08	*12	SSO
2332	Al-Awwami,Mo	*11	*24	*15	*55	*08	*12	SSP,RSSO
5133	Baker,Judy	*11:01:01	*24:03:01	*15:02:01	*55:02:01	*08:01:01/22	*12:03:01	SSP,SSO
4345	Blasczyk,Rai	*11:01:01G	*24:03P	*15:02P	*55:02P	*08:01P	*12:03P	PCR-SBT
785	Chan,Soh Ha	*11:01/04/21N/32	*24:03/10/33	*15:02	*55:02	*08:01/20/22/24	*12:03/23	
9916	Charlton,Ron	*11:01:01	*24:03:01	*15:02:01	*55:02:01	*08:01:01	*12:03:01:01	SSP,SBT
9916	Charlton_LR	*11	*24	*15	*54:01:02/*55	*08	*12	SSP
3224	Chen,Dongfen	*11:01	*24:03	*15:02	*55:02	*08:01/22	*12:03	SBT
8021	Clark,Brenda	*11:01:01+	*24:02:01+	*15:02+	*55:01:01+	*08:01+	*12:03:01+	PCR-SSP
1108	Clark,Traci	*11	*24	*15	*55	*08	*12	RSSO
5219	Daniel,Dolly	*11	*24	*15	*55			PCR-SSP,SSO
5323	Dhaliwal,J.S	*11	*24:03	*15:02	*55:02	*08	*12	PCR-SSP
5891	Du,Keming	*11:01/04	*24:03/10	*15:02/121/223	*55:02/41/*56:01	*08:01/22	*12:03	PCR-SBT
3766	Dunn,Paul	*11	*24:03/10/22/23+	*15:02/112/213+	*55	*08	*12	
3135	Enczmann,J.	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SBT,SSO,SSP
8038	Fernandez-V	*11:01:01	*24:03:01	*15:02:01	*55:02:01	*08:01:01/22	*12:03:01	SSO,SSP,SBT
762	Fischer&Mayr	*11:01/21N	*24:03	*15:02	*55:02	*08:01/22	*12:03	SSO,SSP,SBT
4079	Fort,Marylis	*11	*24	*15	*55	*08	*12	PCR-SSP,SSO
8022	Hedlund,Anna	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SSP
1461	Hidajat,Mela	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SSO,SSP,SBT
615	Holdsworth,R	*11:01:01G	*24:03:01G	*15:02:01G	*55:02:01G	*08:01:01G	*12:03:01G	SBT
745	Holman,Richa	*11:01:01	*24:03:01	*15:02:01	*55:02:01	*08:01:01	*12:03:01	SSO,SSP,SBT
2344	Hurley&Hartz	*11:01:01/21N+	*24:03:01/33	*15:02:01/214	*55:02:01/02:05	*08:01:01/01:03+	*12:03:01:01+	SBT,SSO
13	Kapoor/Park	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SSP
1694	Kissel&Hess	*11	*24	*15	*55	*08	*12	
87	Land,Geoff	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SBT,SSO,SSP
278	Lee,Jar-How	*11:01/69N/86	*24:03	*15:02	*55:02/39/42	*08:01/36N/46	*12:03	SSP,RSSO
640	Lee,Kyung Wh	*11:01	*24:03	*15:02	*55:02	*08:01/22	*12:03	PCR-SBT
5096	Lee,Sun-Ah	*11	*24	*15	*55			SSO
8042	Muncher,Lior	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SSO,SSP
9001	Muncher_LR	*11	*24	*15	*55	*08	*12	SSO,SSP
2847	Narisawa,Tad	*11	*24	*15	*55	*08	*12	RSSO
3966	Permpikul&Ve	*11	*24	*15:02	*55	*08	*12	PCR-SSP
2400	Phelan,Donna	*11:01	*24:03	*15:02	*55:02	*08:01/22	*12:03	RSSO,SBT,SSP
3753	Reed,Elaine	*11:01/04	*24:03/10	*15:02/121/223	*55:02/41/*56:01	*08:01/22	*12:03	SBT
3798	Reinsmoen,N	*11:01:01	*24:03:01	*15:02:01	*55:02:01	*08:01:01/22	*12:03:01	PCR-SSO,SBT
4251	Schiller,J	*11:01	*24:03	*15:02	*55:02	*08:01:01G	*12:03	PCR-RSSO,SBT
3545	Scornik,Juan	*11:01	*24:03	*15:02	*55:02	*08:01/22	*12:03	SSO,SBT,SSP
8068	Shanmugam,He	*11	*24	*15	*55	*08	*12	SSP
746	Stamm,Luz	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	RSSO,SSP,SBT
4021	Trachtenberg	*11	*24	*15	*55	*08	*12	SSO,SSP
5462	Turner,E.V.	*11:01	*24:03	*15:02	*55:02	*08:01	*12:03	SEQ,SSP,SSO
797	Yabe,Hiromasa	*11:01	*24:03	*15:02	*55:02	*08:01/22	*12:03	SSO,SBT

INVESTIGATOR	DNA EXTRACT #551 (So. American Indian)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
5488 Adams,Sharon	*31:01:02		*15:01:01/05:02	*15:20/85	*01:02/22/48	*03:04/28/64	
4691 Ajlan,Abdula	*31	*31	*15	*15/*46	*01	*03	SSO
2332 Al-Awwami,Mo	*31		*15		*01	*03	SSP,RSSO
5133 Baker,Judy	*31:01:02		*15:01:01	*15:20	*01:02:01/02:11	*03:04:01	SSP,SSO
4345 Blasczyk,Rai	*31:01:02G		*15:01:01G	*15:20	*01:02P	*03:04P	PCR-SBT
785 Chan,Soh Ha	*31:01/14N/23		*15:01/05	*15:20/85	*01:02/11/22/25	*03:04/28	
9916 Charlton,Ron	*31:01:02		*15:01:01:01	*15:20	*01:02:01	*03:04:01	SSP,SBT
9916 Charlton_LR	*31		*15	*15/*35:25/49	*01	*03	SSP
3224 Chen,Dongfen	*31:01		*15:01/01N	*15:20	*01:02	*03:04	SBT
8021 Clark,Brenda	*31:01		*15:01:01+		*01:02+	*03:02+	PCR-SSP
1108 Clark,Traci	*31	*31	*15	*15	*01	*03	RSSO
5219 Daniel,Dolly	*31		*15	*15			PCR-SSO
5323 Dhaliwal,J.S	*31		*15:01	*15:20	*01	*03	PCR-SSP,SSO
5891 Du,Keming	*31:01	*31:01	*15:01/05	*15:20/85	*01:02/12/22/31+	*03:04/128/28+	PCR-SBT
3766 Dunn,Paul	*31		*15	*15:20	*01	*03	
3135 Enczmann,J.	*31:01		*15:01	*15:20	*01:02	*03:04	SBT,SSO,SSP
8038 Fernandez-V	*31:01:02		*15:01:01:01/01:01:02N	*15:20	*01:02	*03:04:01	SSO,SSP,SBT
762 Fischer&Mayr	*31:01/14N/23		*15:01/102/104/140/146+	*15:20	*01:02/25	*03:04	SSO,SSP,SBT
4079 Fort,Marylis	*31:01/46/48-56/58/59		*15:01/227/228/232	*15:20	*01	*03	PCR-SSP,SSO
8022 Hedlund,Anna	*31:01		*15:01	*15:20	*01:02	*03:04	SSP
1461 Hidajat,Mela	*31:01		*15:01	*15:20	*01:02	*03:04	SSO,SSP,SBT
615 Holdsworth,R	*31:01:02G		*15:01:01G//05:02	*15:20//85	*01:02:01G	*03:04:01G	SBT
745 Holman,Richa	*31:01:02		*15:01:01:01	*15:20	*01:02	*03:04	SSO,SSP,SBT
2344 Hurley&Hartz	*31:01:02+	*31:01:02+	*15:01:01:01/01:06+	*15:20	*01:02:01/02:02+	*03:04:01:01+	SBT,SSO
13 Kapoor/Park	*31:01		*15:01	*15:20	*01:02	*03:04	SSP
1694 Kissel&Hess	*31		*15		*01	*03	
87 Land,Geoff	*31:01	*31:01	*15:01	*15:20	*01:02	*03:04	SBT,SSO,SSP
278 Lee,Jar-How	*31:01/46/48		*15:01	*15:20	*01:02	*03:04/82/93+	SSP,RSSO
640 Lee,Kyung Wh	*31:01		*15:01	*15:20	*01:02	*03:04	PCR-SBT
5096 Lee,Sun-Ah	*31	*31	*15	*15			SSO
8042 Muncher,Lior	*31:01		*15:01	*15:20	*01:02	*03:04	SSO,SSP
9001 Muncher_LR	*31		*15		*01	*03	SSO,SSP
2847 Narisawa,Tad	*31		*15	*15	*01	*03	RSSO
3966 Permpikul&Ve	*31		*15:01	*15:20	*01	*03	PCR-SSP
2400 Phelan,Donna	*31:01		*15:01/01N	*15:20	*01:02	*03:04	RSSO,SBT,SSP
3753 Reed,Elaine	*31:01	*31:01	*15:01/01N/05	*15:20/85	*01:02/12/22/31+	*03:04/28/64+	SBT
3798 Reinsmoen,N	*31:01:02		*15:01:01/01N	*15:20	*01:02	*03:04:01	PCR-SSO,SBT
4251 Schiller,J	*31:01	*31:01	*15:01:01G	*15:20	*01:02	*03:04	PCR-RSSO,SBT
3545 Scornik,Juan	*31:01		*15:01/01N	*15:20	*01:02	*03:04	SSO,SBT,SSP
8068 Shanmugam,He	*31	*31	*15	*15	*01	*03	SSP
746 Stamm,Luz	*31:01	*31:01	*15:01	*15:20	*01:02	*03:04	RSSO,SSP,SBT
4021 Trachtenberg	*31		*15	*15	*01	*03	SSO,SSP
5462 Turner,E.V.	*31:01		*15:01:01:01/01:01:02N	*15:20	*01:02	*03:04	SEQ,SSP,SSO
797 Yabe,Hiromasa	*31:01		*15:01/01N/05	*15:20/85	*01:02	*03:04	SSO,SBT

INVESTIGATOR	DNA EXTRACT #552 (Filipino)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
5488 Adams,Sharon	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01/50	
4691 Ajlan,Abdula	*24	*34	*15	*15	*04	*07	SSO
2332 Al-Awwami,Mo	*24	*34	*15		*04	*07	SSP,RSSO
5133 Baker,Judy	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01/50	SSP,SSO
4345 Blasczyk,Rai	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02P	PCR-SBT
785 Chan,Soh Ha	*24:37	*34:01	*15:21	*15:35	*04:03/06	*07:02/37/50/66+	
9916 Charlton,Ron	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01:01	SSP,SBT
9916 Charlton_LR	*24	*34/*66:02/03/16	*15	*15	*04	*07	SSP
3224 Chen,Dongfen	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/50	SBT
8021 Clark,Brenda	*24:02:01+	*34:01/05	*15:21	*15:01:01+	*04:01:01+	*07:02+	PCR-SSP
1108 Clark,Traci	*24	*34	*15	*15	*04	*07	RSSO
5219 Daniel,Dolly	*24	*34	*15	*15			PCR-SSP,SSO
5323 Dhaliwal,J.S	*24	*34:01/05	*15:21	*15:35	*04:03/16/80	*07:32/127	PCR-SSP,SSO
5891 Du,Keming	*24:37	*34:01	*15:21	*15:35	*04:03/06	*07:02/37/50	PCR-SBT
3766 Dunn,Paul	*24	*34:01/05	*15:21	*15:35/118/129/141+	*04:03	*07	
3135 Enczmann,J.	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	SBT,SSO,SSP
8038 Fernandez-V	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01/50	SSO,SSP,SBT
762 Fischer&Mayr	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/50	SSO,SSP,SBT
4079 Fort,Marylis	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/117/121Q+	PCR-SSP,SSO
8022 Hedlund,Anna	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/127	SSP
1461 Hidajat,Mela	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	SSO,SSP,SBT
615 Holdsworth,R	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02:01G	SBT
745 Holman,Richa	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01	SSO,SSP,SBT
2344 Hurley&Hartz	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01:01+	SBT,SSO
13 Kapoor/Park	*24:37/119	*34:01	*15:21	*15:35	*04:03	*07:02/84	SSP
1694 Kissel&Hess	*24	*34	*15		*04	*07	
87 Land,Geoff	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	SBT,SSP,SSO
278 Lee,Jar-How	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	SSP,RSSO
640 Lee,Kyung Wh	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/50	PCR-SBT
5096 Lee,Sun-Ah	*24	*34	*15	*15			SSO
8042 Muncher,Lior	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	SSO,SSP
9001 Muncher_LR	*24	*34	*15		*04	*07	SSO,SSP
2847 Narisawa,Tad	*24	*34	*15	*15	*04	*07	RSSO
3966 Permpikul&Ve	*24	*34	*15:21	*15:35	*04	*07	PCR-SSP
2400 Phelan,Donna	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/50	RSSO,SBT,SSP
3753 Reed,Elaine	*24:37	*34:01	*15:21	*15:35	*04:03/06	*07:02/37/50	SBT
3798 Reinsmoen,N	*24:37	*34:01:01	*15:21	*15:35	*04:03	*07:02:01/50	PCR-SSO,SBT
4251 Schiller,J	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02:01G	PCR-RSSO,SBT
3545 Scornik,Juan	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/50	SSO,SBT,SSP
8068 Shanmugam,He	*24		*15	*15	*04	*07	PCR-SSP
746 Stamm,Luz	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	RSSO,SSP,SBT
4021 Trachtenberg	*24	*34	*15	*15	*04	*07	SSO,SSP
5462 Turner,E.V.	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02	SEQ,SSP,SSO
797 Yabe,Hiromasa	*24:37	*34:01	*15:21	*15:35	*04:03	*07:02/50	SSO,SBT

Extract 549 (Caucasian)

44 labs

A*02	50%
A*02:01/01L	11%
A*02:01	23%
A*02:01:01	9%
A*02:01P	2%
A*02:01:01G	5%
A*02	100% TOTAL
A*23	48%
A*23:01/17	25%
A*23:01	18%
A*23:01:01	2%
A*23:01P	2%
A*23:01:01G	5%
A*23	100% TOTAL

44 labs

B*44	32%
B*44:09/46	32%
B*44:09	36%
B*44	100% TOTAL
B*44	34%
B*44:13/67	30%
B*44:13	34%
B*44	98% TOTAL

42 labs

C*04	50%
C*04:01/09N/30/82	7%
C*04:01:01/09N/30/82	2%
C*04:01/09N/30	5%
C*04:01	22%
C*04:01:01	3%
C*04:01:01:01	2%
C*04:01P	2%
C*04:01:01G	7%
C*04	100% TOTAL
C*05	45%
C*05:01	38%
C*05:01:01	10%
C*05:01:01:02	2%
C*05:01P	2%
C*05:01:01G	3%
C*05	100% TOTAL

Extract 550 (Chinese)

44 labs

A*11	45%
A*11:01/04	7%
A*11:01	32%
A*11:01:01	11%
A*11:01:01G	5%
A*11	100% TOTAL
A*24	39%
A*24:03/10	7%
A*24:03	39%
A*24:03:01	11%
A*24:03P	2%
A*24:03:01G	2%
A*24	100% TOTAL

44 labs

B*15	39%
B*15:02	43%
B*15:02:01	14%
B*15:02P	2%
B*15:02:01G	2%
B*15	100% TOTAL
B*55	34%
B*55:02	41%
B*55:02:01	14%
B*55:02P	2%
B*55:02:01G	2%
B*55	93% TOTAL

42 labs

C*08	40%
C*08:01/22	19%
C*08:01:01/22	10%
C*08:01	19%
C*08:01:01	5%
C*08:01P	2%
C*08:01:01G	5%
C*08	100% TOTAL
C*12	38%
C*12:03	43%
C*12:03:01	12%
C*12:03:01:01	2%
C*12:03P	2%
C*12:03:01G	3%
C*12	100% TOTAL

Extract 551 (So. American Indian)

44 labs

A*31	43%
A*31:01	39%
A*31:01:02	14%
A*31:01:02G	4%
A*31	100% TOTAL

44 labs

B*15	36%
B*15:01/05	14%
B*15:01/01N	14%
B*15:01	25%
B*15:01:01:01	7%
B*15:01:01G	4%
B*15	100% TOTAL
B*15	25%
B*15:20/85	11%
B*15:20	59%
B*15	95% TOTAL

42 labs

C*01	50%
C*01:02	43%
C*01:02:01	2%
C*01:02P	2%
C*01:02:01G	3%
C*01	100% TOTAL
C*03	48%
C*03:04	38%
C*03:04:01	10%
C*03:04P	2%
C*03:04:01G	2%
C*03	100% TOTAL

Extract 552 (Filipino)

44 labs

A*24	36%
A*24:37	64%
A*24	100% TOTAL
A*34	23%
A*34:01/05	7%
A*34:01	48%
A*34:01:01	18%
A*34	96% TOTAL

44 labs

B*15	25%
B*15:21	75%
B*15	100% TOTAL
B*15	30%
B*15:35	70%
B*15	100% TOTAL

42 labs

C*04	29%
C*04:03/06	7%
C*04:03	64%
C*04	100% TOTAL
C*07	48%
C*07:02/50	14%
C*07:02:01/50	10%
C*07:02	17%
C*07:02:01	2%
C*07:02:01:01	2%
C*07:02P	2%
C*07:02:01G	2%
C*07	97% TOTAL

INVESTIGATOR	CELL NO.1461 (Black)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
8070 Ahn,Jaeie	*24	*68	*51	*81	*15:02	*18	PCR-SSP
8075 Al-Baz,Nabe	*24	*68	*51	*81	*15	*18	SSO
16 Askar,Medhat	*24:02//07	*68:02:01//31	*51:01:01	*81:01/02	*15:02:01	*18:01	PCR-RSSO,SBT
774 Cecka,J.Mich	*24	*68	*51	*81:01	*15	*18	
4492 Charron,D.	*24:02/21	*68:02	*51:01/24	*81:01/03	*15:02	*18:02	PCR-SSO,SSP
798 Claas,F.H.J.	*24:02	*68:02:01	*51:01:01	*81:01	*15:02:01	*18:01	SSP,SBT
3632 Colombe,Beth	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01	SSOP,SSP
5130 Costeas,Paul	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01	SSP,SBT
779 Daniel,Claud	*24	*68	*51	*81	*15	*18	PCR-SSP
3766 Dunn,Paul	*24	*68:02+	*51	*81:01-05	*15	*18:01/02/04	SSO
5214 Eckels/CPMC	*24	*68	*51	*81	*15	*18	SSO
762 Fischer&Mayr	*24:02/07	*68:02/31	*51:01	*81:01	*15:02	*18:01/02	SBTex1-4
792 Gandhi,Manish	*24:02	*68:02	*51:01	*81:01/03/04N	*15:02	*18:01	SSO,SSP
4269 Hanau,Daniel	*24:02:01	*68:02:01	*51:01:01	*81:01	*15:02:01	*18:01	PCR-SSO,SBT
3808 Hogan,Patric	*24	*68	*51	*81	*15	*18	SSP
745 Holman,Richa	*24:02	*68:02:01	*51:01:01	*81:01	*15:02:01	*18:01	SSO,SSP,SBT
771 Israel,Shosh	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01	SBT
9003 Israel_LR	*24	*68	*51	*81	*15	*18	PCR-SSO
859 Kamoun,Malek	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01/02	SBT,SSO,SSP
4337 Kim,Tai-Gyu	*24:02/09N/11N/40N+	*68:02	*51:01/11N/30+	*81:01-03	*15:02/13/47	*18:01/02	SBT
168 Klein,Tirza	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01	PCR-SSP,SSO
9000 Klein_LR	*24	*68	*51	*81	*15	*18	PCR-SSP,SSO
725 Lardy,N.M.	*24	*68	*51	*81	*15	*18	SSO,SSP
278 Lee,Jar-How	*24:02	*68:02	*51:01/105	*81:01	*15:02/28/33/38+	*18:01	SSP,RSSO
6649 Lim,Young Ae	*24	*68	*51	*81	*15	*18	SSP
274 Lo,Raymundo	*24	*68	*51	*81	*15	*18	SSO
731 Loewenthal,R	*24:02:01	*68:02:01	*51:01:01	*81:01	*15:02:01	*18:01	SBT,SSO
759 Lopez-Cepero	*24:02/07/09N/11N+	*68:02/18N/31/34+	*51:01/03/11N+	*81:01-04N	*15:02/10/13/21+	*18:01/02	RSSO
23 Mah,Helen	*24:02	*68:02	*51:01	*81:01-03	*15:02/13	*18:01/02	SSO
8029 Mani,Rama	*24	*68	*51	*81			PCR-SSP
206 McAlack-Hana	*24	*68	*51	*81	*15	*18	RSSO
8001 Rao,Prakash	*24	*68	*51	*81	*15	*18	RSSO,SSP
3625 Rees,Tracey	*24:02	*68:02	*51	*81:01/02	*15:02	*18:01	PCR-SSP,SBT
5200 Reinke,Denni	*24	*68	*51	*81	*15	*18	SSP
3519 Renac,Virgi	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01	SBT,PCR-SSP
1160 Rosen-Bronso	*24:02	*68:02	*51:01	*81:01	*15:02	*18:01	SSP,RSSO,SBT
793 Rubocki,Ron	*24	*68	*51	*81	*15	*18	PCR-SSP
4251 Schiller,J	*24:02P	*68:02	*51:01	*81:01:01G	*15:02	*18:01:01G	PCR-RSSO,SBT
747 Tiercy,Jean-	*24:02	*68:02:01	*51:01:01	*81:01	*15:02:01	*18:01/02	SSO,SSP,SBT
5451 Tilanus,Marc	*24:02:01	*68:02:01	*51:01:01	*81:01	*15:02:01	*18:01	SBT
5462 Turner,E.V.	*24:02/163N	*68:02	*51:01	*81:01	*15:02	*18:01	SEQ,SSO,SSP
3186 Watson,Narel	*24	*68	*51	*81	*15	*18	SSO

CTR	INVESTIGATOR NAME	CELL NO.1462 (Hispanic) A1	A2	B1	B2	C1	C2	method
8070	Ahn,Jaeie	*29	*68	*07	*44	*07	*16	PCR-SSP
8075	Al-Baz,Nabe	*29	*68	*07	*44	*07	*16	SSO
16	Askar,Medhat	*29:02:01	*68:02:01	*07:02:01/61	*44:03:01	*07:02/50//31//51//+	*16:01//06//26//+	PCR-RSSO,SBT
774	Cecka,J.Mich	*29	*68	*07	*44	*07	*16	SSP
4492	Charron,D.	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	PCR-SSO,SSP
798	Claas,F.H.J.	*29:02:01	*68:02:01	*07:02:01	*44:03:01	*07:02:01	*16:01:01	SSP,SBT
3632	Colombe,Beth	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SSO,SSP
5130	Costeas,Paul	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01/13	SSP,SBT
779	Daniel,Claud	*29	*68	*07	*44	*07	*16	PCR-SSP
3766	Dunn,Paul	*29	*68:02+	*07	*44:03+	*07	*16	SSO
5214	Eckels/CPMC	*29	*68	*07	*44	*07	*16	SSO
762	Fischer&Mayr	*29:02	*68:02	*07:02/44/49N+	*44:03	*07:02/50/66/74	*16:01	SBTex1-4
792	Gandhi,Manish	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SSO,SSP
810	Hamdi,Nuha	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SSO
4269	Hanau,Daniel	*29:02	*68:02	*07:02/61/114	*44:03/105	*07:02	*16:01	PCR-SSP,SBT
3808	Hogan,Patric	*29	*68	*07	*44	*07:02/04/05+	*16	SSP
745	Holman,Richa	*29:02:01	*68:02:01	*07:02	*44:03	*07:02	*16:01	SSO,SSP,SBT
771	Israel,Shosh	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SBT
9003	Israel_LR	*29	*68	*07	*44	*07	*16	PCR-SSO
859	Kamoun,Malek	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SBT,SSO,SSP
4337	Kim,Tai-Gyu	*29:02/26	*68:02	*07:02/44/49N+	*44:03	*07:02/50/66/74/150+	*16:01	SBT
168	Klein,Tirza	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	PCR-SSP,SSO
9000	Klein_LR	*29	*68	*07	*44	*07	*16	PCR-SSP,SSO
725	Lardy,N.M.	*29	*68	*07	*44	*07	*16	SSO,SSP
278	Lee,Jar-How	*29:02	*68:02	*07:02	*44:03/115/122+	*07:02	*16:01	SSP,RSSO
6649	Lim,Young Ae	*29	*68	*07	*44	*07	*16	SSP
274	Lo,Raymundo	*29	*68:51	*07	*44	*07	*16	SSO
731	Loewenthal,R	*29:02:01	*68:02:01	*07:02:01	*44:03:01	*07:02:01	*16:01:01	SBT,SSO
759	Lopez-Cepero	*29:01/02/04/06+	*68:02/18N/34+	*07:02/10/18+	*44:03/28/54/96	*07:02/13/25/29/31+	*16:01/06/08/10+	RSSO
23	Mah,Helen	*29:02/21	*68:02	*07:02	*44:03	*07:02	*16:01	SSO
8029	Mani,Rama	*29	*68	*07	*44			PCR-SSP
206	McAlack-Hana	*29	*68	*07	*44	*07	*16	RSSO
8001	Rao,Prakash	*29	*68	*07	*44	*07	*16	RSSO,SSP
3625	Rees,Tracey	*29:02	*68:02	*07:02/61	*44:03	*07:02	*16:01	PCR-SSP,SBT
5200	Reinke,Denni	*29	*68	*07	*44	*07	*16	SSP
3519	Renac,Virgi	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SBT,PCR-SSP
1160	Rosen-Bronso	*29:02	*68:02	*07:02	*44:03	*07:02	*16:01	SSP,RSSO,SBT
793	Rubocki,Ron	*29	*68	*07	*44	*07	*16	PCR-SSP
4251	Schiller,J	*29:02	*68:02	*07:02P	*44:03	*07:02:01G	*16:01	PCR-RSSO,SBT
747	Tiercy,Jean-	*29:02:01G	*68:02:01G	*07:02	*44:03:01	*07:02	*16:01:01	SSO,SSP,SBT
5451	Tilanus,Marc	*29:02:01	*68:02:01	*07:02:01	*44:03:01	*07:02:01	*16:01:01	SBT
5462	Turner,E.V.	*29:02	*68:02	*07:02/61	*44:03	*07:02	*16:01	SEQ,SSO,SSP
3186	Watson,Narel	*29	*68	*07	*44	*07	*16	SSO

	INVESTIGATOR	CELL NO.1463 (Caucasian)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
8070	Ahn,Jaeie	*01	*26	*55	*57	*01	*06	PCR-SSP
8075	Al-Baz,Nabe	*01	*26	*55	*57	*01	*06	SSO
16	Askar,Medhat	*01:01//51//103	*26:01//72//01	*55:01:01	*57:01:01	*01:02//09//12//+	*06:02:01//06//23//+	PCR-RSSO,SBT
774	Cecka,J.Mich	*01	*26	*55	*57:01/44/47+	*01	*06	
4492	Charron,D.	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	PCR-SSO,SSP
798	Claas,F.H.J.	*01:01:01:01	*26:01:01	*55:01:01	*57:01:01	*01:02:01	*06:02:01	SSP,SBT
3632	Colombe,Beth	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SSO,SSP
5130	Costeas,Paul	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02/30	SSP,SBT
779	Daniel,Claud	*01	*26	*55	*57	*01	*06	PCR-SSP
3766	Dunn,Paul	*01	*26	*55	*57	*01	*06	SSO
5214	Eckels/CPMC	*01	*26	*55	*57	*01	*06	SSO
762	Fischer&Mayr	*01	*26	*55:01/02	*57:01/22	*01:02/25	*06:02	SBTex1-4
792	Gandhi,Manish	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SSO,SSP
810	Hamdi,Nuha	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SSO
4269	Hanau,Daniel	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	PCR-SSP,SBT
3808	Hogan,Patric	*01	*26	*55	*57	*01	*06	SSP
745	Holman,Richa	*01:01	*26:01	*55:01:01	*57:01:01	*01:02:01	*06:02:01	SSO,SSP,SBT
771	Israel,Shosh	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SBT
9003	Israel_LR	*01	*26	*55	*57	*01	*06	PCR-SSO
859	Kamoun,Malek	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SBT,SSO,SSP
4337	Kim,Tai-Gyu	*01:01/04N/22N/32+	*26:01/24/26/56	*55:01	*57:01/29/37+	*01:02/25/44	*06:02/46N/55/73	SBT
168	Klein,Tirza	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	PCR-SSP,SSO
9000	Klein_LR	*01	*26	*55	*57	*01	*06	PCR-SSP,SSO
725	Lardy,N.M.	*01	*26	*55	*57	*01	*06	SSO,SSP
278	Lee,Jar-How	*01:01	*26:01/24/26/56	*55:01/44	*57:01	*01:02/25/40-42+	*06:02	SSP,RSSO
6649	Lim,Young Ae	*01	*26	*55	*57	*01	*06	SSP
274	Lo,Raymundo	*01	*26:62	*55:05	*57	*01	*06	SSO
731	Loewenthal,R	*01:01:01	*26:01:01	*55:01	*57:01	*01:02:01	*06:02:01	SBT,SSO
759	Lopez-Cepero	*01:01/04N/09/15N+	*26:01/10/15+	*55:01/03/15+	*57:01/06/15+	*01:02/04/07/09+	*06:02/06/10-12+	RSSO
23	Mah,Helen	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SSO
8029	Mani,Rama	*01	*26	*55	*57			PCR-SSP
206	McAlack-Hana	*01	*26	*55	*57	*01	*06	RSSO
8001	Rao,Prakash	*01	*26	*55	*57	*01	*06	RSSO,SSP
3625	Rees,Tracey	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	PCR-SSP,SBT
5200	Reinke,Denni	*01	*26	*55	*57	*01	*06	SSP
3519	Renac,Virgi	*01:01	*26:01	*55:01	*57:01	*01:02	*06:02	SBT,PCR-SSP
1160	Rosen-Bronso	*01:01/23	*26:01/62	*55:01	*57:01	*01:02	*06:02	SSP,RSSO,SBT
793	Rubocki,Ron	*01	*26	*55	*57	*01	*06	PCR-SSP
4251	Schiller,J	*01:01:01G	*26:01	*55:01	*57:01	*01:02	*06:02	PCR-RSSO,SBT
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*01:01:01:01	*26:01:01	*55:01:01	*57:01:01	*01:02:01	*06:02:01	SBT
5462	Turner,E.V.	*01:01	*26:01	*55:01	*57:01	*01:02/09	*06:02/06	SEQ,SSO,SSP
3186	Watson,Narel	*01	*26	*55	*57	*01	*06	SSO

	INVESTIGATOR	CELL NO.1464 (Hispanic)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
8070	Ahn,Jaeie	*11	*24	*35	*40:01	*03	*04	PCR-SSP
8075	Al-Baz,Nabe	*11	*24	*35	*40	*03	*04	SSO
16	Askar,Medhat	*11:01//19//27//88	*24:02//07//10//50	*35:17	*40:01	*03:04//07//+	*04:01//29//+	PCR-RSSO,SBT
774	Cecka,J.Mich	*11	*24	*35	*40	*03	*04	
4492	Charron,D.	*11:01	*24:02/21	*35:17	*40:01	*03:04	*04:01	PCR-SSO,SSP
798	Claas,F.H.J.	*11:01:01	*24:02:01	*35:17	*40:01	*03:04:01	*04:01:01	SSP,SBT
3632	Colombe,Beth	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SSO,SSP
5130	Costeas,Paul	*11:01/46/73	*24:02/71	*35:17	*40:01	*03:04	*04:01/18	SSP,SBT
779	Daniel,Claud	*11	*24	*35	*40(B60)	*03(Cw10)	*04	PCR-SSP
3766	Dunn,Paul	*11	*24	*35	*40:01+	*03:04+	*04	SSO
5214	Eckels/CPMC	*11	*24	*35	*40(B60)	*03	*04	SSO
762	Fischer&Mayr	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01/09N/30	SBTex1-4
792	Gandhi,Manish	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SSO,SSP
810	Hamdi,Nuha	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SSO
4269	Hanau,Daniel	NT						
3808	Hogan,Patric	*11	*24	*35:05/17/23/30	*40(B61)	*03:04-06+	*04	SSP
745	Holman,Richa	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SSO,SSP,SBT
771	Israel,Shosh	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SBT
9003	Israel_LR	*11	*24	*35	*40	*03	*04	PCR-SSO
859	Kamoun,Malek	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SBT,SSO,SSP
4337	Kim,Tai-Gyu	*11:01/21N/69N/86+	*24:02/09N/11N/40N+	*35:17	*40:01/55/141+	*03:04/100/101+	*04:01/09N/28+	SBT
168	Klein,Tirza	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	PCR-SSP,SSO
9000	Klein_LR	*11	*24	*35	*40	*03	*04	PCR-SSP,SSO
725	Lardy,N.M.	*11	*24	*35	*40	*03	*04	SSO,SSP
278	Lee,Jar-How	*11:01/69N/86	*24:02	*35:17	*40:01	*03:04/93/100+	*04:01	SSP,RSSO
6649	Lim,Young Ae	*11	*24	*35	*40(B60)	*03	*04	SSP
274	Lo,Raymundo	*11:12	*24	*35:88	*40:63	*03	*04	SSO
731	Loewenthal,R	*11:01	*24:02	*35:17	*40	*03	*04	SBT,SSO
759	Lopez-Cepero	*11:01-03/05/07+	*24:02/05/07/09N+	*35:17/01	*40:01	*03:04/06/07/09+	*04:01/04/05+	RSSO
23	Mah,Helen	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SSO
8029	Mani,Rama	*11	*24	*35	*40			PCR-SSP
206	McAlack-Hana	*11	*24	*35	*40(B60)	*03(Cw10)	*04	RSSO
8001	Rao,Prakash	*11	*24	*35	*40:01/07	*03:02/04-10	*04	RSSO,SSP
3625	Rees,Tracey	*11:01	*24:02	*35:17	*40:01	*03	*04	PCR-SSP,SBT
5200	Reinke,Denni	*11	*24	*35	*40(B60)	*03(Cw10)	*04	SSP
3519	Renac,Virgi	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SBT,PCR-SSP
1160	Rosen-Bronso	*11:01/88	*24:02/50	*35:17	*40:01	*03	*04	SSP,RSSO,SBT
793	Rubocki,Ron	*11	*24	*35	*(B60)	*03(Cw10)	*04	PCR-SSP
4251	Schiller,J	*11:01	*24:02P	*35:17	*40:01	*03:04	*04:01P	PCR-RSSO,SBT
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*11:01:01	*24:02:01	*35:17	*40:01:02	*03:04:01	*04:01:01	SBT
5462	Turner,E.V.	*11:01	*24:02	*35:17	*40:01	*03:04	*04:01	SEQ,SSO,SSP
3186	Watson,Narel	*11	*24	*35	*40:01/25	*03	*04	SSO

Cell 1461 (Black)

42 labs

A*24	57%
A*24:02	33%
A*24:02:01	7%
A*24:02P	3%
A*24	100% TOTAL
A*68	50%
A*68:02	36%
A*68:02:01	14%
A*68	100% TOTAL

43 labs

B*51	54%
B*51:01	30%
B*51:01:01	16%
B*51	100% TOTAL
B*81	56%
B*81:01	42%
B*81:01:01G	2%
B*81	100% TOTAL

41 labs

C*15	49%
C*15:02	34%
C*15:02:01	17%
C*15	100% TOTAL
C*18	42%
C*18:01/02	15%
C*18:01	39%
C*18:01:01G	2%
C*18:02	2%
C*18	100% TOTAL

Cell 1462 (Hispanic)

43 labs

A*29	49%
A*29:02	37%
A*29:02:01	12%
A*29:02:01G	2%
A*29	100% TOTAL
A*68	42%
A*68:02	42%
A*68:02:01	12%
A*68:02:01G	2%
A*68:51	2%
A*68	100% TOTAL

43 labs

B*07	58%
B*07:02	33%
B*07:02:01	7%
B*07:02P	2%
B*07	100% TOTAL
B*44	49%
B*44:03	39%
B*44:03:01	12%
B*44	100% TOTAL

42 labs

C*07	50%
C*07:02	41%
C*07:02:01	7%
C*07:02:01G	2%
C*07	100% TOTAL
C*16	48%
C*16:01	43%
C*16:01:01	9%
C*16	100% TOTAL

Cell 1463(Caucasian)

42 labs

A*01	55%
A*01:01	36%
A*01:01:01	2%
A*01:01:01:01	5%
A*01:01:01G	2%
A*01	100% TOTAL
A*26	55%
A*26:01	36%
A*26:01:01	7%
A*26:62	2%
A*26	100% TOTAL

42 labs

B*55	48%
B*55:01	40%
B*55:01:01	10%
B*55:05	2%
B*55	100% TOTAL
B*57	50%
B*57:01	40%
B*57:01:01	10%
B*57	100% TOTAL

41 labs

C*01	56%
C*01:02	34%
C*01:02:01	10%
C*01	100% TOTAL
C*06	54%
C*06:02	36%
C*06:02:01	10%
C*06	100% TOTAL

Cell 1464 (Hispanic)

41 labs

A*11	56%
A*11:01	37%
A*11:01:01	5%
A*11:12	2%
A*11	100% TOTAL
A*24	59%
A*24:02	34%
A*24:02:01	5%
A*24:02P	2%
A*24	100% TOTAL

41 labs

B*35	44%
B*35:17	54%
B*35:88	2%
B*35	100% TOTAL
B*40	44%
B*40:01	51%
B*40:01:02	3%
B*40:63	2%
B*40	100% TOTAL

40 labs

C*03	60%
C*03:04	35%
C*03:04:01	5%
C*03	100% TOTAL
C*04	62%
C*04:01	30%
C*04:01:01	5%
C*04:01P	3%
C*04	100% TOTAL

		Cell No 1461 (Black)										Cell No 1462 (Hispanic)									Cell No 1463 (Caucasian)										Cell No 1464 (Hispanic)								
Investigator	Days Old	Viab %	A24	A68	B51	B81	CW6	BW4	BW6	OTHERS		Viab %	A29	A68	B7	B44	CW7	BW4	BW6	OTHERS		Viab %	A1	A26	B55	B57	CW1	CW6	BW4	BW6	OTHERS		Viab %	A11	A24	B35	B60	CW3	CW4	BW6	OTHERS
Alonso, Anton	???	90								A2>						+				CW4>											CW4>			+			+		CW6>
Alvarez, Carr	3	100	+	+	+	+		+	+			100	+	+	+	+		+	+			100	+	A10	+	+			+	+			100	+	+	+	+			+	
Askar, Medhat	2	95	+	+	+	+		+	+			95	+	+	+	+	+	+	+			95	+	+	+	+	+	+	+	+			95	+	+	+	+	+	+	+	
Cecka, J. Mic	???	95	+	+	+	+		+	+			95	+	+	+	+		+	+			95	+	+	+	+			+	+			95	+	+	+	+			+	
Charron, Domi	???	98	+	+	+	+						98	+	+	+	+						98	+	+	+	+							98	+	+	+	B40				
Claas, F.H.J.	6	90	+	+	+	+		+	+			90	+	+	+	+		+	+			90	+	+	+	+	+		+	+			90	+	+	+	+	+	+	+	
Dunk, Arthur	2	98	+	A28	+	+	+	+	+			98	+	A28	+	+	+	+	+			98	+	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	
Dunn, Paul	4	95	+	+	+			+	+	B7		95	+	+	+	+		+	+			95	+	+	+	+			+	+			95	+	+	+	+			+	
Enczmann, J	6	98	+	+	+	+						98	+	+	+	+						98	+	+	+	+							98	+	+	+	+				
Esteves Kondo	2	98	+	+	+	+		+	+			98	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	
Fort, Marylis	3	95	+	+	+	+		+	+			95	+	+	+	+		+	+			98	+	+	+	+			+	+			98	+	+	+	+			+	
Hahn, Amy B.	???	99	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+	+			99	+	+	+	+	W10	+	+	
Harville, Ter	???	95	+	+	+	+		+	+			95	+	+	+	+	+	+	+			95	+	+	+	+	+	+	+	+			95	+	+	+	+	W10	+	+	
Hesse, Kissel	???	90	+	+	+					B7		88	+	+	+	+	+					88	+	+	+	+	+	+					90	+	+	+	+	+	+		
Hogan, Patric	9	70	+	+	+	+		+	+			70	+	+	+	+	+	+	+			70	+	+	+	+	+	+	+	+			70	+	+	+	+	+	+	+	
Holdsworth, R	10	90	+	A28	+	+		+	+			9	+	+	+	+		+	+			90	+	+	+	+			+	+			90	+	+	+	+			+	
Holman, Richa	???	90	+	+	+	+						90	+	+	+	+						90	+	+	+	+							90	+	+	+	+				
Hubbell, Char	???	95	+	+	+	+		+	+			95	+	+	+	+		+	+			95	+	+	+	+			+	+			95	+	+	+	+			+	
Israel, Shosh	6	95	+	+	+	+		+	+			95	+	+	+	+	+	+	+			95	+	+	+	+	+	+	+	+			95	+	+	+	+	+	+	+	
Kapoor, Parkm	2	100	+	+	+	+	W18			CW15		100	+	+	+	+	+					100	+	+	+	+	+	+					100	+	+	+	+	+	+		
Keown, Paul M	???	99	+	A28	+	+		+	+			99	+	A28	+	+		+	+			99	+	+	+	+			+	+			99	+	+	+	+			+	
Klein, Tirza	???	60	+	+	+			+	+	B7>		90	+	+	+	+	+	+	+			85	+	+	+	+	+	+	+	+			90	+	+	+	+	+	+	+	
Kvam, Vonnett	???	95	+	A28	+	+		+	+			96	+	A28	+	+	+	+	+			97	+	+	+	+	+	+	+	+			97	+	+	+	+	+	+	+	
Loewenthal MD	???	90	+	+	+	+		+	+			80	+	+	+	+	+	+	+			90	+	+	+	+	+	+	+	+			90	+	+	+	+	+	+	+	
Mah, Helen	2	99	+	+	+	+		+	+			99	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+	
McCluskey, Ja	14	30	+	A28	+	+				B7		50	+	A28	+	+	+			CW4		50	+	+	+	+	+	+					50	+	+	+	+	+	+		
Meyer, Pieter	14	80	+	+	+					B7		80	+	+	+	+	+					95	+	+	+	+		+					0								
Mpuntsha, Loy	???		+	A28	+	+							+	A28	+	+							+	+	+	+								+	+	+	+				
Pancoska, Car	2	98	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	+			97	+	+	+	+	W10	+	+	
Permpikul, Ve	7	80	+	+	+	+		+	+			80	+	+	+	+		+	+			80	+	+	+	+			+	+			NT								
Pollack, Mari	3	99	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+	
Rees, Tracey	7	80	+	+	+	+		+	+			70	+	+	+	+	+	+	+			80	+	+	+	+	+	+	+	+			80	+	+	+	+	+	+	+	
Renac, Virgin	???	99	+	A28	+	+		+	+			99	+	A28	+	+		+	+			99	+	+	B22	+			+	+			99	+	+	+	+			+	
Rosen-Bronson	???	90	+	+	+	+						90	+	+	+	+	+					90	+	+	+	+	+	+					90	+	+	+	+	+	+		
Rubocki, Rona	???	98	+	+	+	+						98	+	+	+	+	+					98	+	+	+	+	+	+					98	+	+	+	+	+	+		
Shai, Isaac	???	91	+	A28	+		+	+	+	B7		88	+	A28	+	+	+	+	+	CW17		91	+	A10	B22	+	+	+	+	+			91	+	+	+	+	+	+	+	
Stamm, Luz	6	80	+	+	+	+	W18			CW15		80	+	+	+	+	+			CW16		80	+	+	+	+	+	+					80	+	+	+	+	+	+		
Stavropoulos,	2	98	+	+	+	+		+	+			98	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	
Tiercy, Jean-	???	90	+	A28	+	+		+	+			100	+	A28	+	+		+	+			NT											NT								
Tilanus, Marc	6	80	+	A28	+	+		+	+			80	+	A28	+	+		+	+			80	+	+	+	+			+	+			80	+	+	+	+			+	
Vidan-Jeras,	6	100	+	+	+	+		+	+			100	+	+	+	+		+	+			100	+	+	+	+			+	+			100	+	+	+	+			+	
Walter Reed N	???	95	+	A28	+	+	+					95	+	A28	+	+	+					95	+	+	+	+	+	+					95	+	+	+	+	+	+		
Watson, Narel	10	80	+	A28	+	+		+	+	B7		80	+	A19	A28	+	+		+	+		80	+	+	+	+			+	+			80	+	+	+	B40			+	
Wisecarver, J	6	98	+	A28	+	+		+	+			98	+	A28	+	+		+	+			98	+	+	+	+			+	+			98	+	+	+	+			+	

SUMMARY TABLE

(Black)
Cell 1461
(44 Samples Typed)

A24	97.7%
	[97.7%]
A68	68.2%
A28	29.5%
	[97.7%]
B51	97.7%
	[97.7%]
B81	86.4%
	[86.4%]
CW6	13.6%
CW18	4.5%
	[18.2%]
BW4	70.5%
BW6	70.5%

Others Found

B7	18.2%
CW15	4.5%
CW5	2.3%
A2	2.3%
CW2	2.3%
A3	2.3%
B44	2.3%
CW7	2.3%

(Hispanic)
Cell 1462
(44 Samples Typed)

A29	95.5%
A19	2.3%
	[97.7%]
A68	70.5%
A28	27.3%
	[97.7%]
B7	97.7%
	[97.7%]
B44	100.0%
	[100.0%]
CW7	54.5%
BW4	70.5%
BW6	70.5%

Others Found

CW4	4.5%
CW17	2.3%
CW16	2.3%
A2	2.3%
A3	2.3%
CW2	2.3%
B35	2.3%

(Caucasian)
Cell 1463
(43 Samples Typed)

A1	97.7%
A26	93.0%
A10	4.7%
	[97.7%]
B55	93.0%
B22	4.7%
	[97.7%]
B57	97.7%
	[97.7%]
CW1	55.8%
CW6	55.8%
	[55.8%]
BW4	69.8%
BW6	69.8%

Others Found

B35	2.3%
A2	2.3%
CW10	2.3%
CW4	2.3%
B50	2.3%
A3	2.3%

(Hispanic)
Cell 1464
(41 Samples Typed)

A11	100.0%
	[100.0%]
A24	97.6%
	[97.6%]
B35	100.0%
B60	92.7%
B40	4.9%
	[97.6%]
CW3	51.2%
CW10	7.3%
	[58.5%]
CW4	61.0%
	[61.0%]
BW6	70.7%

Others Found

B13	2.4%
CW6	2.4%