REPORT OF THE 339th CELL EXCHANGE

MARCH 11, 2009

DNA Extract	**441-444**
Cells	**1353-1356**

Extract Exchange

We wish to acknowledge **Doug Smith, University of Michigan**, for generously providing the rare B*3528 cell in this month's study. This Hispanic donor was a member of a 2001 family study, typed as extracts 173, 174, and 175. The cell is named TER293 and serves as a DRB1*1454 reference, as correctly noted by Ball.

Extract 441. This donor was previously typed as extract 173 in 2001. The same cell was also typed for class II as TER-293 in 2001 and retyped as TER-375 in 2006.

The rare B*3528 was present in this donor. The following demonstrates increased high-resolution typing for B*3528 and other alleles since 2001:

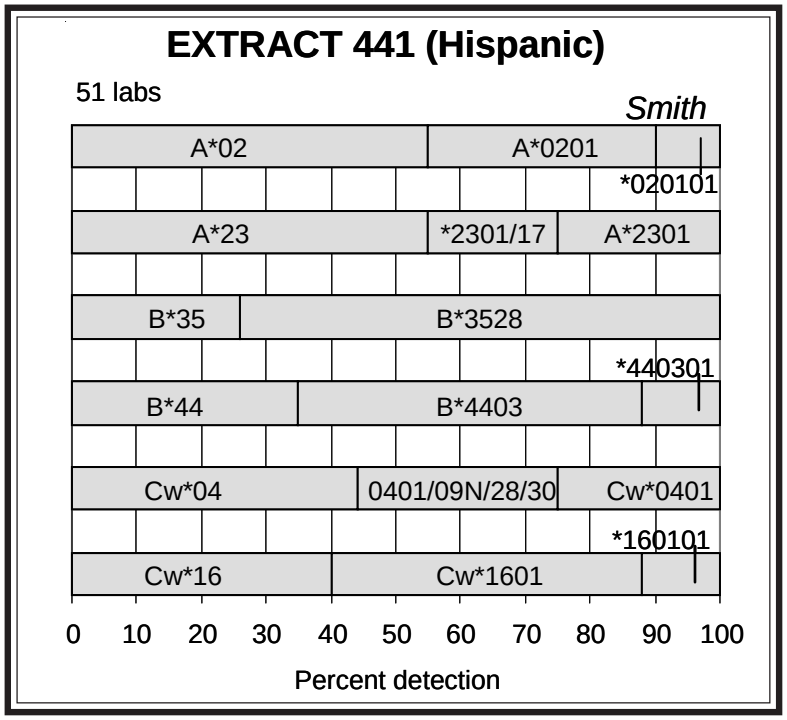
	extract 173	extract 441
	2001	2009
A*0201	14%	45%
A*2301	21%	25%
B*3528	60%	74%
B*4403	32%	65%
Cw*0401	18%	25%
Cw*1601	41%	60%

As part of their investigation of DRB1 exon 3 polymorphism in the 14th Workshop, Horn et al. (1) identified a novel allele, now recognized as DRB1*1454, in several samples, including this cell.

Family studies and exchange data indicated that the haplotypes in this donor were A*0201-B*3528-Cw*0401-DRB1*0802-DQB1*0402-DQA1*0401-DPB1*1401 and A*2301-B*440301-Cw*1601-DRB1*1454-DRB3*0202-DQB1*0503-DQA*0104-DPB1*0402. The offspring of this donor was typed as extract 175 and shared the B*3528 haplotype.

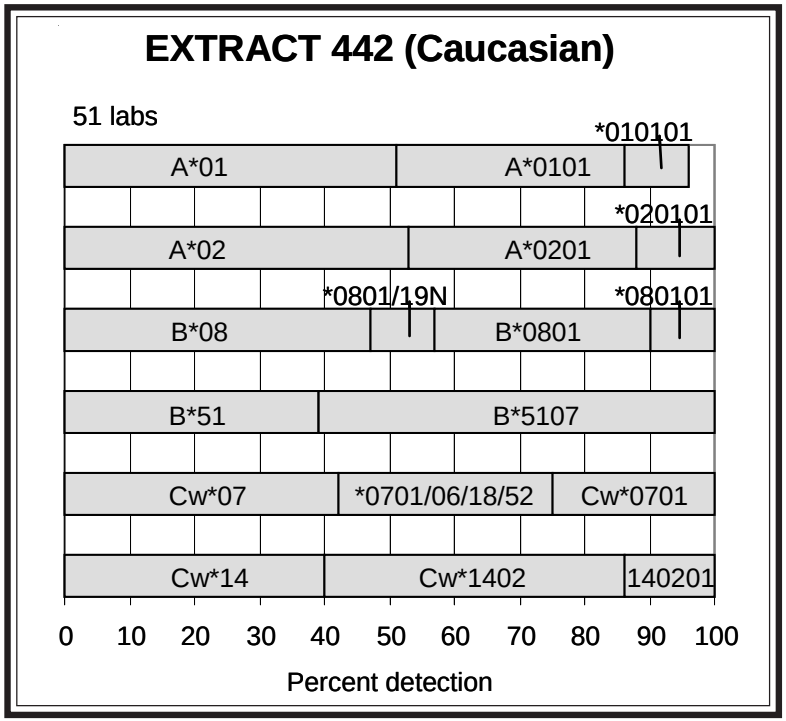
Other interesting types, such as B*1507, B*1540, and B*5901, were also examined in this exchange.

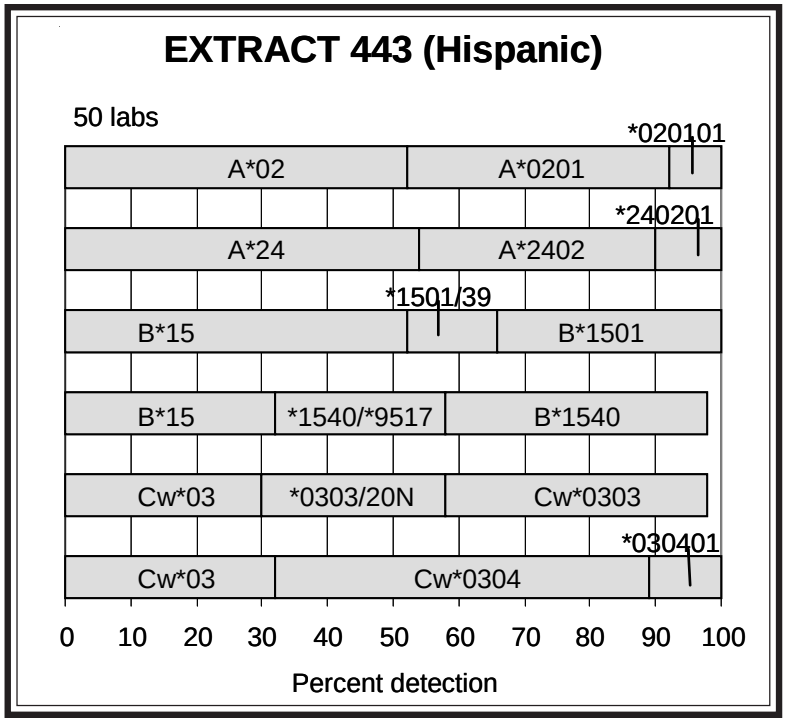
We wish to congratulate Ball, Brown, and Moses and Dunckley for identifying which cells were previously typed in the Cell Exchange.



Two corrections for last month's Report of the 338th Cell Exchange:
1) Extract 438 was *not* 30733VTIS, the reference cell for B*2723. We thank Jane Rowlands for the correction.
2) For TER-417, the DPB1 type should be DPB1*020102, *not* DPB1*020101, as incorrectly reported due to typgraphical errors. 'DPB1*02011' was determined to be identical to DPB1*020102 and therefore, was deleted from the nomenclature listing in August 1996. Thanks, Carolyn Hurley!

We apologize for any confusion or inconvenience.





Extract 442. B*5107 was detected by 61% in this cell from a Caucasian individual. This was the first time that B*5107 was typed in the Cell Exchange.

B*0801 was assigned by 43%.

A*0101 (45%) and A*0201 (47%) were the A-locus types.

Cw*0701 (25%) and Cw*1402 (60%) were the C-locus alleles.

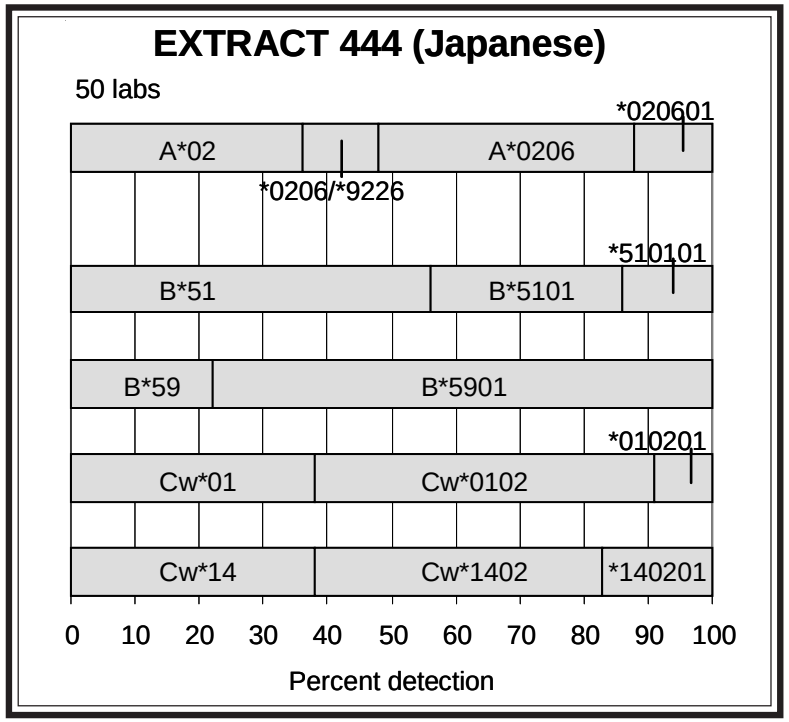
A*0101-B*0801-Cw*0701 and A*0201-B*5107-Cw*1402 were the probable haplotypes in this cell. A*0101-B*0801-Cw*0701 (HF=0.0696) is the most commonly found haplotype in U.S. Caucasians (2).

Extract 443. Labs were provided the opportunity to type the unusual B*1540 when this Hispanic donor was previously typed as cells 1187 and 1239. In both typings, B62 was well typed; however, many labs observed additional reactivity with anti-B40, -B48, and -B70 reactivity. In the retyping study, Darke commented that the crossreactivity with 40CREG specificities and B13 may be due to 163E in the B*1540 sequence. B*1540 was described by Gutierrez et al. as correlating to a short B62 (3).

In this present retyping, B*1540 was assigned by 40%. B*1540/*9517 was reported by another 26%. The two alleles differ by a single substitution, at codon 156 (CTG->TGG, L->W). The previous 2004 and 2005 typings indicated the detection rate of B*1540 as 65%; however, it should be noted that B*9517 was not recognized until 2006.

The second B-locus allele, B*1501, was assigned by 34%.

Cw*0303 and Cw*0304 were reported by 40% and 68%, respectively.



Extract 444. This Japanese cell was AT, one of the references for B*5901, as correctly identified by Ball. The donor was previously typed as cells 358 (1983) and 908 (1997). Other family members were also typed in the Cell Exchange, including an HLA-identical sibling (cell 774) and her 2 offsprings, cell 775 (retyped as cell 879, extract 199) and cell 776 (retyped as cell 906, extract 159).

B*5901 (78%) was well typed in this present retyping.

B*5101 (44%) was the second B-locus type.

The C-locus alleles were Cw*0102 (62%) and Cw*1402 (62%).

The family studies in the Cell Exchange confirmed the haplotypes in this donor as A*0206-*5901-Cw*0102 and A*0206-B*5101-Cw*1402.

Cell Exchange

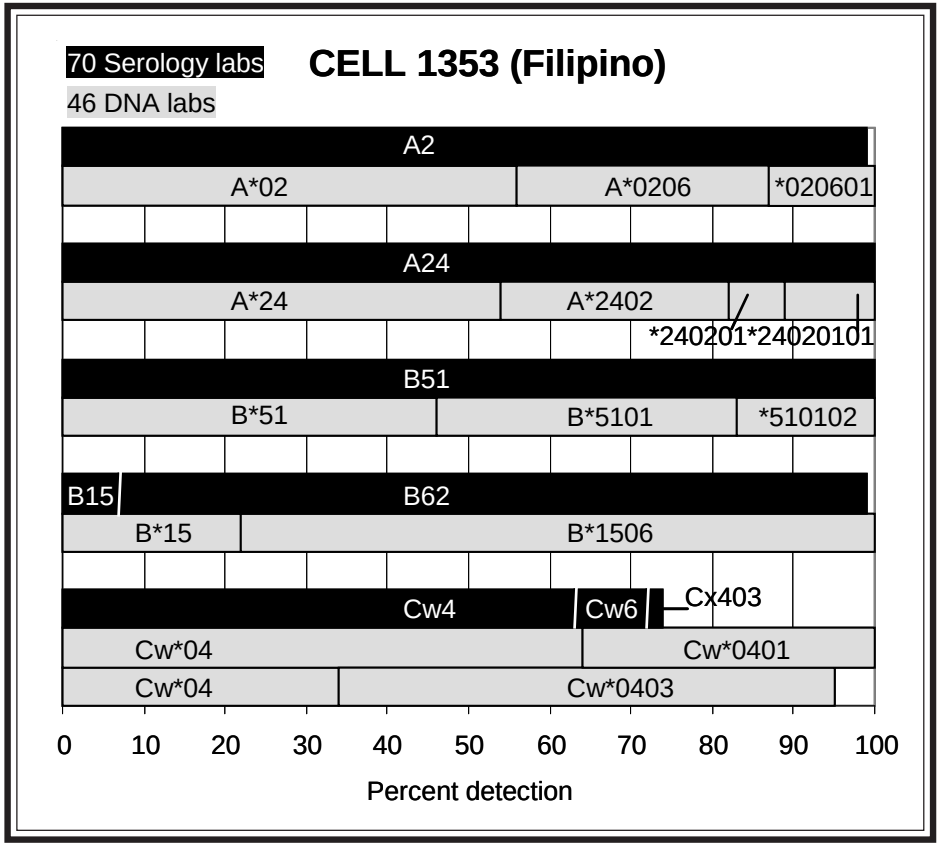
Cell 1353. B62 was well typed, by 91%, in this cell from a Filipino donor. DNA results indicated that the B15 encoding sequence was the rare B*1506, detected by 78%. In the newest update of the HLA dictionary (4), NMDP data listed 13 cells as typed as B*1506. This present typing was the first time that B*1506 was detected in the Cell Exchange.

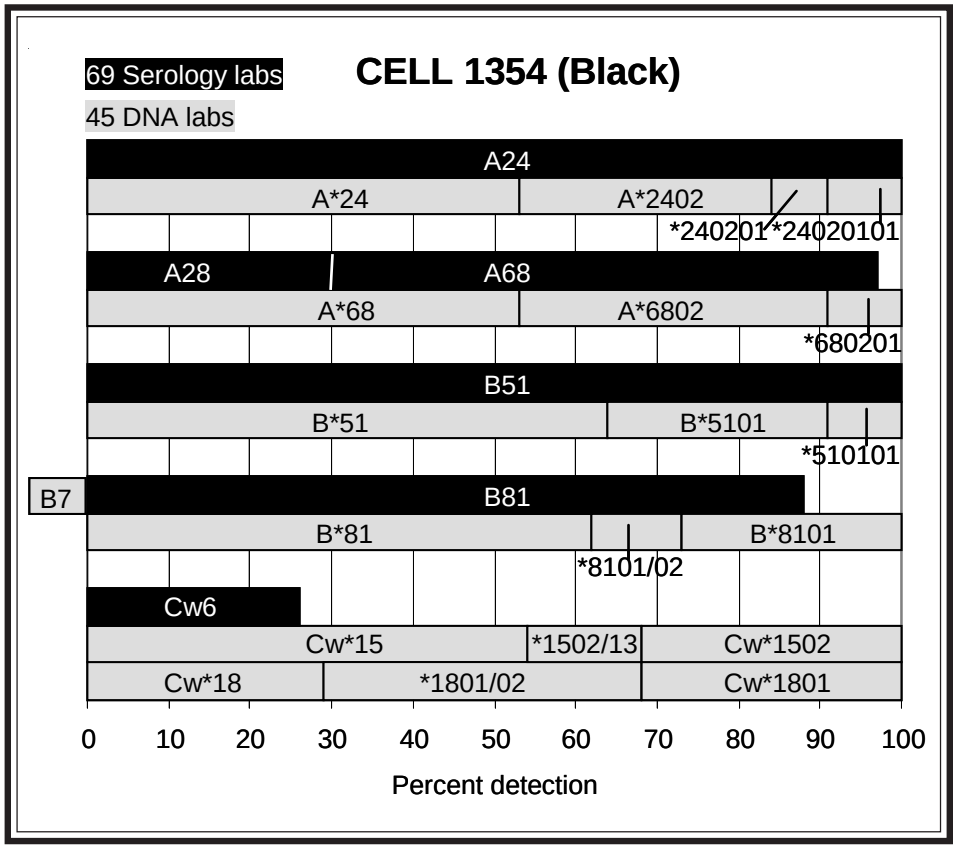
B51 (100%) was confirmed as B*5101 (*510102).

For the C-locus, Cw4 (63%) and Cw6 (9%) were reported. Results from DNA labs indicated the presence of 2 different Cw*04 alleles, Cw*0401 (36%) and Cw*0403 (64%).

A2 (99%) and A24 (100%) were verified as A*0206 (44%) and A*2402 (46%), respectively.

The possible haplotypes in this donor may be A*0206-B*1506-Cw*0403 and A*2402-B*510102-Cw*0401. B*5101 may be found in association with Cw*0401, although not as frequently as with either Cw*1402 or Cw*1502. Previous exchange cells with B*5101-Cw*0401 were cell 1326 (also cell 1314) from a Caucasian donor and extract 428 (also extract 242) from a Filipino individual. Interestingly, family studies showed that A*2402-B*510102-Cw*0401 was one haplotype in extract 428, matching one of the probable haplotypes in this present cell.





Cell 1354. This Black donor was previously typed as cell 1295 (2007), as correctly identified by Moses and Dunckley, Harville, Lopez-Cepero, Mah, McCluskey, and Stamm.

In this present retyping, B81 was assigned by 88%. B7 was misassigned by 15%. B*81 was assigned in complete consensus, with B*8101 reported by 27%.

B51 was reported by 100% and confirmed as B*5101 (36%). Holdsworth commented that the B51 reaction pattern for this cell was different from the B51 pattern for cell 1353. B*510101 (9%) was reported for this cell whereas B*510102 was reported by 17% for cell 1353.

A24 (100%) and A28 (97%) with A68 assigned by 67%, were verified as A*2402 and A*6802, respectively, both reported by 47%.

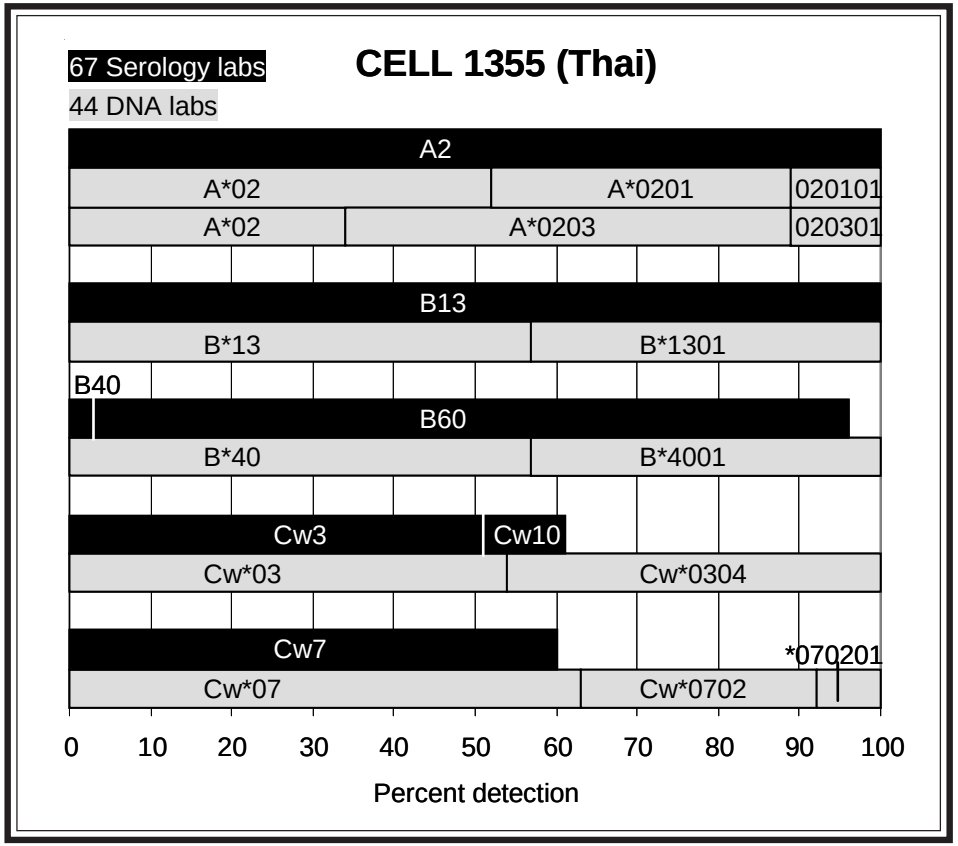
Cw6 was assigned by 26%, which may be correlated to the presence of either Cw*1502 (32%) or Cw*1801 (32%).

B*5101-Cw*1502 and B*8101-Cw*1801 were the likely associations in this cell. B*8101 is usually found in association with either Cw*18 or Cw*0804.

Cell 1355. This cell from a Thai donor was previously typed as extract 375 in 2006, as noted by Brown, Moses and Dunckley, and Pidwell.

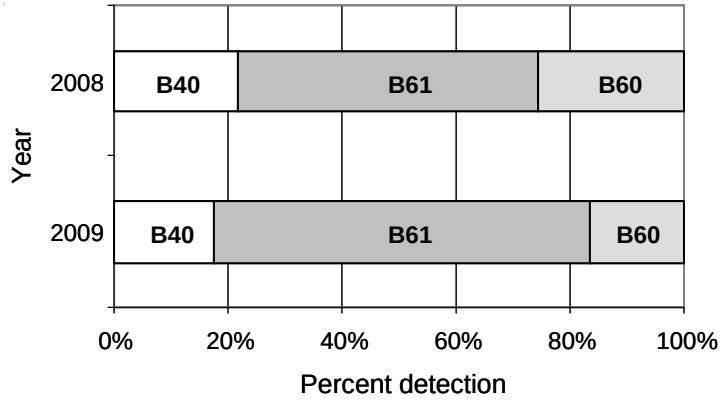
In this present retyping, this cell was well typed as A2, B13, B60, Cw3, and Cw7. The high-resolution type was confirmed as A*0201, A*0203, B*1301, B*4001, Cw*0304, and Cw*0702.

B*1301-Cw*0304 and B*4001-Cw*0702, commonly found in Asian populations, were the probable associations in this cell. B*1301-Cw*0304 was also typed in extract 417 last year whereas B*1301 was found in association with Cw*0406 in cell 1261 (also cells 887 and 1005) from a Filipino donor.



Cell 1356. This Japanese and Chinese donor was previously typed as cell 1324 (2008), as correctly identified by Moses and Dunckley, Harville, Lopez-Cepero, Mah, McCluskey, and Stamm.

The detection of B61 improved in the presence of B48 (85%) since last year's typing, as shown:

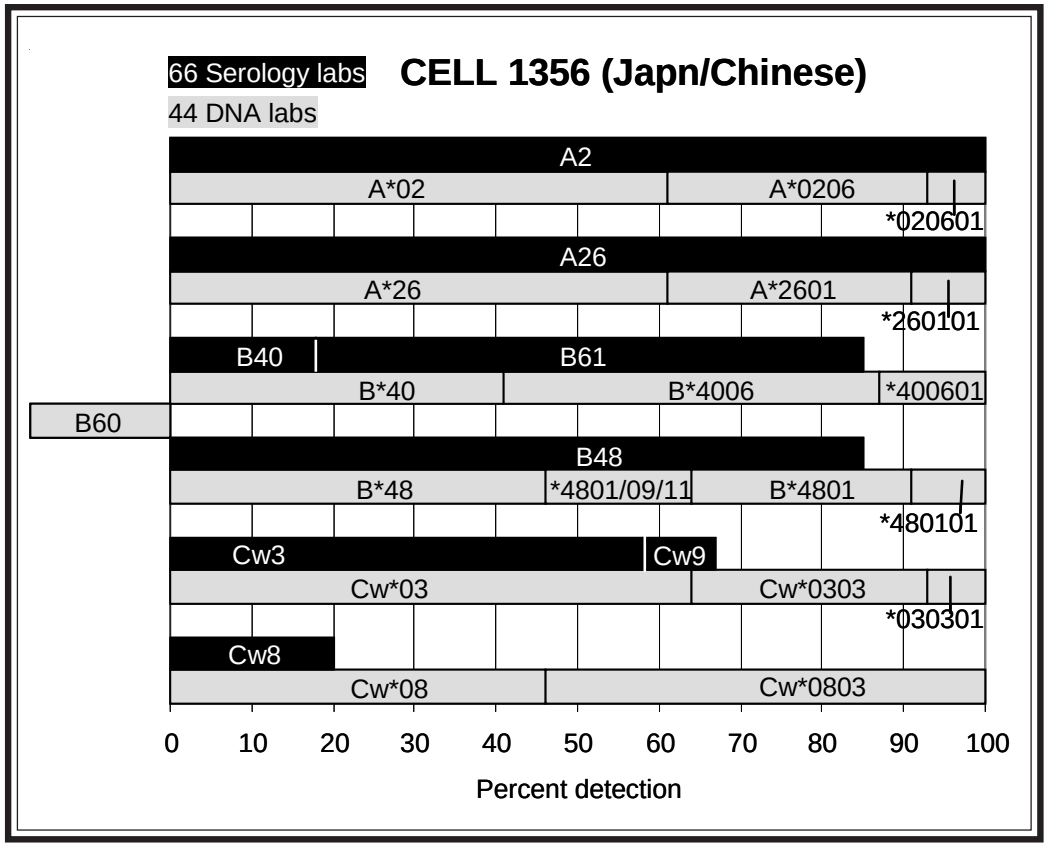


The misassignment rate for B60 decreased from 26% to 18%. B*4006 and B*4801 were reported by 59% and 36%, nearly identical rates to last year's 60% and 37%, respectively.

A2 and A26, assigned in complete agreement, were validated with 39% assigning A*0206 and A*2601, respectively.

Cw3 was detected by 67% and 9% assigned Cw9. Cw8 was assigned by 20%. Cw*0303 (36%) and Cw*0803 (51%) were the high-resolution types.

The probable associations in this cell were B*4006-Cw*0303 and B*4801-Cw*0803. B*4801 is also commonly found in strong association with Cw*0801 in Asian individuals.



References

1. Horn PA, Albis-Camps M, Verboom M, et al. The nature of diversity of HLA-DRB1 exon 3. Tissue Antigens 2007;70:335.

2. Cao K, Hollenbach J, Shi X, et al. Analysis of the frequencies of HLA-A, B, and C alleles and haplotypes in the five major ethnic groups of the United States reveals high levels of diversity in these loci and contrasting distribution patterns in these populations. Hum Immunol 2001:62:109**.**

3. Gutierrez M, Araujo HA, Cao K, et al. Serological reactivity of novel HLA-A and -B alleles. Hum Immunol 2000;61(Suppl 2):S34.

4. Holdsworth R, Hurley CK, Marsh SGE, et al. The HLA dictionary 2008: a summary of HLA-A, -B, -C, -DRB1/3/4/5, and -DQB1 alleles and their association with serologically defined HLA-A, -B, -C, -DR, and -DQ antigens. Tissue Antigens 2009:73:95.

NEXT MAILING DATE: April 8, 2009

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Fernandez-Vina & Can	Houston	TX	Noreen,Harriet	Minneapolis	MN	Zeevi PhD,Adriana	Pittsburgh	PA
Fischer,Dr Johannes	Dusseldorf		Norin,Dr Allen	Brooklyn	NY			
Gardiner PhD,Clair M	Dublin		Olerup,Olle	Saltsjobaden				

	INVESTIGATOR	DNA EXTRACT #441(Hispanic)						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020101	*2301/17	*3528	*440301	*04	*160101/02	
2300	Allegheny Ge	*02	*23	*35	*44	*04	*16	RVSSO
745	Anthony Nola	*020101	*2301	*3528	*440301	*040101	*160101	SSO,SSP,SBT
5133	Baker,Judy	*020101	*2301/17	*3510	*440301	*0401/09N/28/30	*160101	SSP,SBT
105	Ball,Edward	*0201/31/77/*9218+	*2301/18	*3528	*4403/61N	*0401/28/30/31/35	*1601	PCR-SSP
2020	Barnardo,Mar	*0201/09/43N/66+	*2301/17/18	*3528	*440301	*0401/28/30	*160101	PCR-SSP,SBT
4345	Blasczyk,Rai	*0201/01L/09/43N+	*2301/07N/17/18	*3528	*4403	*0401/09N/28/30	*1601	PCR-SBT
5106	Brown,Colin	*02	*23	*3528	*4403	*04	*1601/08	PCR-SSOP,SBT
785	Chan,Soh Ha	*02	*2301/04/07N/16-18	*3528	*4403	*0401/09N/28-30	*1601/02	SBT
3224	Chen,Dongfen	*0201	*2301/17	*3528	*4403	*0401/30	*1601	SBT,SSP,SSO
8021	Clark,Brenda	*0201-05+	*2301-08N+	*3528	*4403/06/07+	*0401/03-10+	*1601/0401+	PCR-SSP
5219	Daniel,Dolly	*02	*23	*35	*44			PCR-SSOP
1108	Davis,Mary	*0201	*2301	*3528	*4403	*0401	*1601	
5323	Dhaliwal,J.	*02	*23	*35	*44	*04	*16	
5891	Du,Keming	*0201	*2301/17	*3528	*4403	*0401/09	*1601	PCR-SBT
3186	Dunckley,Hea	*02	*23	*35	*44	*04	*16	SSP
3766	Dunn,Paul	*02	*23	*3528	*4403	*04	*16	PCR-SSO,SSP
3428	Eckels/Utah	*02	*2301/07N/17/19Q	*3528	*4403/32			SSOP
4251	Ellis,Thomas	*0201	*2301	*3528	*4403	*0401/28/30	*1601	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*2301/07N/17/18	*3528	*4403	*0401/09N/28/30	*1601	SSO,SSP,SBT
3135	Fischer,John	*0201/01L	*2301	*3528	*4403	*0401/09N/30	*1601	PCR-SSO,SBT
4691	Hajeer,Ali	*02	*23	*35	*44	*04	*16	SSO
810	Hamdi,Nuha	*0236	*2304	*3528	*4403/13/26/32+	*0411	*160101	SSO
5803	Henrico's Do	*02	*23	*35	*44	*04	*16	SSP
1461	Hidajat,Mela	*0201	*2301	*3528	*4403	*0401	*1601	SSO,SSP
615	Holdsworth,R	*0201/01L/09/43N+	*2301/07N/17/18	*3528	*4403	*0401/09N/28/30	*1601	SBT
2344	Hurley&Hartz	*02010101/010102L+	*2301/07N/17/18	*3528	*440301/0303	*04010101/010102+	*160101	SBT
87	Land,Geoff	*0201	*2301	*3528	*4403	*0401	*1601	SSO,SSP,SBT
278	Lee,Jar-How	*0201	*2301	*3528	*4403	*0401	*1601	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/36/90	*2301/04/12	*3528	*4403	*0401/09N/28-30	*1601/02	PCR-SBT
9916	McIntyre,Joh	*020101	*2301/17	*3528	*440301	*0401/28/30/31/35	*1601/06-08+	SSP,SBT
794	Merenmies,Ju	*0201	*2301/17	*3528	*4403	*0401/28/30	*1601	SBT,SSO
733	Mytilineos,J	*02	*23	*35	*44	*04	*16	PCR-SSO
8022	Olerup,Olle	*0201	*2301	*3528	*4403	*0401	*1601	SSP
3648	Pereira,Noem	*02	*23	*3528	*44	*04	*16	RVSSO
3966	Permpikul&Ve	*0201	*2301	*35	*44	*0401	*1601	PCR-SSP
2400	Phelan,Donna	*0201	*2301	*3528	*4403	*0401	*1601	SSO,SSP,SBT
3753	Reed,Elaine	*0201/36/90	*2301/04/12/17	*3528	*4403	*0401/09N/29/30	*1601/02	
3625	Rees,Tracey	*0201//*0290	*2301/17//*2312	*3528	*4403	*0401/28/30	*1601	PCR-SSP,SBT
3798	Reinsmoen,N	*020101/01L	*2301/17	*3528	*440301	*040101/30	*160101	SBT,RSSO,SSP
1694	Sauer&Gottwa	*02	*23	*35	*44	*04	*16	SSP
3545	Scornik,Juan	*0201	*2301/17	*3528	*4403	*0401/09N/30	*1601	RVSSOP,SBT
5096	Seoul Red Cr	*02	*23	*35	*44			RVSSOP
8042	Shainberg,Br	*0201	*2301	*3528	*4403	*0401	*1601	SSOP,SSP
735	Smith/MI	*0201	*2301/17	*3528	*4403	*0401/28/30	*1601	
740	Snider,Denis	*0201	*2301	*3528	*4403	*0401	*1601	SSP
13	Tagliere,Jac	*0201/*9218	*2301	*3528	*4403	*040101	*1601	SSP
4021	Trachtenberg	*02	*23	*3528	*44	*04	*16	RVSSO,SSP
5462	Turner,E.V.	*0201	*2301/17	*3528	*4403	*0401	*1601	SBT,SSO,SSP
5670	Wetmore,Mari	*02	*23	*35	*44	*04	*16	SSP
2847	Yamamori,Shu	*02	*23	*35	*44	*04	*16	RVSSO

CTR	INVESTIGATOR NAME	DNA EXTRACT #442(Caucasian) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*010101	*020101	*080101	*5107	*0701/06/18	*140201	
2300	Allegheny Ge	*01	*02	*08	*51	*07	*14	RVSSO
745	Anthony Nola	*010101	*020101	*080101	*5107	*0701	*140201	SSO,SSP,SBT
5133	Baker,Judy	*010101	*020101	*080101	*5107	*0701/06/18/52	*140201	SSP,SBT
105	Ball,Edward	*0101	*0201/*9238-41	*0801	*5107	*0701/52/55N	*14	PCR-SSP
2020	Barnardo,Mar	*0101/04N/22N/32	*0201/09/43N/66+	*080101/18N	*5107	*0701/06/18/52	*140201	PCR-SSP,SBT
4345	Blasczyk,Rai	*0101/01N/04N/22N	*0201/01L/09/43N+	*0801/19N	*5107	*0701/06/18/52	*1402	PCR-SBT
5106	Brown,Colin	*01	*02	*08	*5107	*07	*1402/07N	PCR-SSOP,SBT
785	Chan,Soh Ha	*01/*3604	*02	*0801/04/19N/31	*5101/07N/11N+	*0701/06/18/30/52	*140201	SBT
3224	Chen,Dongfen	*0101	*0201	*0801	*5107	*0701/06/18	*1402	SBT,SSP,SSO
8021	Clark,Brenda	*0101/02/04N/06+	*020101-0104/0106+	*0801/06-08N+	*510101-0103+	*0701/06/07+	*1402/03/05+	PCR-SSP
5219	Daniel,Dolly	*01	*02	*08	*51			PCR-SSOP
1108	Davis,Mary	*0101	*0201	*0801	*5107	*0701	*1402	
5323	Dhaliwal,J.	*01	*02	*08	*51	*07	*14	
5891	Du,Keming	*0101	*0201	*0801/04	*5101/07	*0701/06	*1402	PCR-SBT
3186	Dunckley,Hea	*01	*02	*08	*51	*07	*14	SSP
3766	Dunn,Paul	*01	*02	*0801/30N	*5107	*07	*14	PCR-SSO,SSP
3428	Eckels/Utah	*01	*02	*0801/19N	*5107			SSOP
4251	Ellis,Thomas	*0101	*0201	*0801	*5107	*0701/06/18/52	*1402	PCR-SSO,SEQ
762	Fischer&Mayr	*0101/04N/22N	*0201	*0801/19N	*5107	*0701/06/18/52	*1402	SSO,SSP,SBT
3135	Fischer,John	*0101	*0201/01L	*0801	*5107	*0701/06/08	*1402	PCR-SSO,SBT
4691	Hajeer,Ali	*01	*02	*08	*51	*07	*14	SSO
810	Hamdi,Nuha	*01010101	*02010101	*0804	*5101/03/11N+	*070101	*1402/04/07N+	SSO
5803	Henrico's Do	*01	*02	*08	*51	*07	*14	SSP
1461	Hidajat,Mela	*0101	*0201	*0801	*5107	*0701	*1402	SSO,SSP
615	Holdsworth,R	*0101/01N/04N/22N	*0201/01L/09/43N+	*0801/19N	*5107	*0701/06/18/52	*1402	SBT
2344	Hurley&Hartz	*01010101/010102N+	*02010101/010102L+	*080101/19N	*5107	*070101/0102/0109+	*140201	SBT
87	Land,Geoff	*0101	*0201	*0801	*5107	*0701	*1402	SSO,SSP,SBT
278	Lee,Jar-How	*0101/11N/22N	*0201/*9221/32/34+	*0801	*5107	*0701/21/24/35/36+	*1402/07N	SSP,RVSSOP
640	Lee,Kyung Wh	*0101/14	*0201/*9201	*0801/04/19N	*5101/07/11N+	*0701/06/18/52	*1402	PCR-SBT
9916	McIntyre,Joh	*01010101	*020101	*080101	*5107	*0701/52/55N	*1402/03/05+	SSP,SBT
794	Merenmies,Ju	*0101	*0201	*0801	*5107	*0701/06/18	*1402	SBT,SSO
733	Mytilineos,J	*01	*02	*08	*51	*07	*14	PCR-SSO
8022	Olerup,Olle	*0101	*0201	*0801	*5107	*0701	*1402	SSP
3648	Pereira,Noem	*01	*02	*08	*5107	*07	*14	RVSSO
3966	Permpikul&Ve	*01	*0201	*08	*51	*0701/06	*1402	PCR-SSP
2400	Phelan,Donna	*0101	*0201	*0801	*5107	*0701	*1402	SSO,SSP,SBT
3753	Reed,Elaine	*0101/14/*3604	*0201/36/*9201	*0801/04	*5101/07	*0701/06/18	*1402	
3625	Rees,Tracey	*0101	*0201	*0801	*5107	*0701	*1402	PCR-SSP,SBT
3798	Reinsmoen,N	*010101/01N	*020101/01L	*080101	*5107	*0701	*140201	SBT,RSSO,SSP
1694	Sauer&Gottwa	*01	*02	*08	*51	*07	*14	SSP
3545	Scornik,Juan	*0101	*0201	*0801	*5107	*0701/06/18	*1402	RVSSOP,SBT
5096	Seoul Red Cr	*01	*02	*08	*51			RVSSOP
8042	Shainberg,Br	*01	*02	*08	*51	*07	*14	SSOP,SSP
735	Smith/MI	*0101	*0201	*0801	*5107	*0701/06/18/52	*1402	
740	Snider,Denis	*0101	*0201	*0801	*5107	*0701	*1402	SSP
13	Tagliere,Jac	*0101	*0201	*0801	*5107	*0701	*1402	SSP
4021	Trachtenberg	*01	*02	*08	*51	*07	*14	RVSSO,SSP
5462	Turner,E.V.	*0101	*0201	*0801	*5107	*0701	*1402	SBT,SSO,SSP
5670	Wetmore,Mari	*01	*02	*08	*51	*07	*14	SSP
2847	Yamamori,Shu	*01	*02	*08	*51	*07	*14	RVSSO

CTR	INVESTIGATOR NAME	DNA EXTRACT #443 (Hispanic) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*0201	*2402	*150101/39	*1540/*9517	*030301/20N	*030401	
2300	Allegheny Ge	NT						
745	Anthony Nola	*0201/01L	*240201	*1501/39	*1540/*9517	*030301	*030401	SSO,SSP,SBT
5133	Baker,Judy	*020101	*240201	*150101	*1540	*030301/20N	*0304	SSP,SBT
105	Ball,Edward	*0201/*9218/38-41	*2402/88/90N	*1501/75/*9502	*1540	*0303/50	*0304/47/48	PCR-SSP
2020	Barnardo,Mar	*0201/09/43N/66+	*2402/09N/11N/40N+	*150101/*9517/40+	*1539/40	*030301	*0304	PCR-SSP,SBT
4345	Blasczyk,Rai	*0201/01L/09/43N+	*2402/02L/09N/11N+	*1501/01N/*9502+	*1540	*0303/20N	*0304	PCR-SBT
5106	Brown,Colin	*02	*24	*1501	*1540	*0303	*0304	PCR-SSOP,SBT
785	Chan,Soh Ha	*02	*24	*1501/39/*9502/04+	*1540/*9517	*0303/20N	*0304	SBT
3224	Chen,Dongfen	*0201	*2402	*1501/39	*1540/*9517	*0303/20N	*0304	SBT,SSP,SSO
8021	Clark,Brenda	*020101-0104/0106+	*2402/03/07+	*150101/0103-0104/04-07+		*0303/11-13	*0302/04-06+	PCR-SSP
5219	Daniel,Dolly	*02	*24	*15	*15			PCR-SSOP
1108	Davis,Mary	*0201	*2402	*1501	*1540	*0303	*0304	
5323	Dhaliwal,J.	*02	*24	*15		*03		
5891	Du,Keming	*0201	*2402	*1501	*1540	*0303	*0304	PCR-SBT
3186	Dunckley,Hea	*02	*24	*1501/*9502/04/40+	*1540	*0303/11-13/18+	*0304-06/08+	SSP,SBT
3766	Dunn,Paul	*02	*24	*15	*1540/*9517	*03		PCR-SSO,SSP
3428	Eckels/Utah	*02	*24	*1501/27/28/35	*1540/*9517			SSOP
4251	Ellis,Thomas	*0201	*2402	*1501/39	*1540/*9517	*0303/20N	*0304	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*2402	*1501	*1540		*0304	SSO,SSP,SBT
3135	Fischer,John	*0201/01L	*2402/33	*1501	*1540	*0303	*0304/20N	PCR-SSO,SBT
4691	Hajeer,Ali	*02	*24	*15	*15	*03	*03	SSO
810	Hamdi,Nuha	*02010101	*24020101	*1525	*1540/*9517	*030301	*030401	SSO
5803	Henrico's Do	*02	*24	*15	*15	*03	*03	SSP
1461	Hidajat,Mela	*0201	*2402	*1501	*1540	*0303	*0304	SSO,SSP
615	Holdsworth,R	*0201/01L/09/43N+	*2402/09N/11N/40N+	*1501/01N/*9502+	*1540/*9517	*0303/20N	*0304	SBT
2344	Hurley&Hartz	*02010101/010102L+	*24020101/020102L+	*15010101/010102N+	*1540	*030301/20N	*030401/0403	SBT
87	Land,Geoff	*0201	*2402	*1501	*1540	*0303	*0304	SSO,SSP,SBT
278	Lee,Jar-How	*0201	*2402	*1501	*1540	*0303	*0304	SSP,RVSSOP
640	Lee,Kyung Wh	*0201/04/12/36/87+	*2402/03/13/14/28+	*1501/39/*9502/04	*1540/*9517	*0303/20N	*0304	PCR-SBT
9916	McIntyre,Joh	*020101	*24020101	*15010101	*1540	*0303/50	*0304/47/48	SSP,SBT
794	Merenmies,Ju	*0201	*2402	*1501/39	*1540/*9517	*0303	*0304	SBT,SSO
733	Mytilineos,J	*02	*24	*15	*15	*03	*03	PCR-SSO
8022	Olerup,Olle	*0201	*2402	*15	*15	*0303	*0304	SSP
3648	Pereira,Noem	*02	*24	*15	*15	*03	*03	RVSSO
3966	Permpikul&Ve	*0201	*24	*1501		*0303	*0304	PCR-SSP
2400	Phelan,Donna	*0201	*2402	*1501	*1540	*0303	*0304	SSO,SSP,SBT
3753	Reed,Elaine	*0201/04/12/36/70+	*2402/03/13/14/28+	*1501/39	*1540/*9517	*0303/20N	*0304	
3625	Rees,Tracey	*0201//*0270	*2402//*2429	*15(B62)		*0303	*0304	PCR-SSP,SBT
3798	Reinsmoen,N	*020101/01L	*240201/01L	*150101/01N	*1540	*030301/20N	*030401	SBT,RSSO,SSP
1694	Sauer&Gottwa	*02	*24	*15		*03		SSP
3545	Scornik,Juan	*0201	*2402	*1501	*1540	*0303/20N	*030401	RVSSOP,SBT
5096	Seoul Red Cr	*02	*24	*15	*15			RVSSOP
8042	Shainberg,Br	*0201	*2402	*1501	*1540	*0303	*0304	SSOP,SSP
735	Smith/MI	*0201	*2402	*1501/39	*1540/*9517	*0303/20N	*0304	
740	Snider,Denis	*0201	*2402	*1501	*1540	*0303	*0304	SSP
13	Tagliere,Jac	*0201/*9218	*2402	*15	*15	*0303	*0304	SSP
4021	Trachtenberg	*02	*24	*15	*15	*03		RVSSO,SSP
5462	Turner,E.V.	*0201	*2402	*1501	*1540	*0303	*0304	SBT,SSO,SSP
5670	Wetmore,Mari	*02	*24	*15(B62)		*03(Cw9)	*03(Cw10)	SSP
2847	Yamamori,Shu	*02	*24	*15	*15	*03	*03	RVSSO

CTR	INVESTIGATOR NAME	DNA EXTRACT #444(Japanese) A1	A2	B1	B2	C1	C2	method
5488	Adams,Sharon	*020601		*510101	*5901	*010201	*140201	
2300	Allegheny Ge	NT						
745	Anthony Nola	*020601		*510101	*5901	*010201	*140201	SSO,SSP,SBT
5133	Baker,Judy	*020601		*510101	*5901	*0102	*140201	SSP,SBT
105	Ball,Edward	*0206		*5101/55/58	*5901	*01	*14	PCR-SSP
2020	Barnardo,Mar	*0206/*9226		*510101	*5901	*0102	*140201	PCR-SSP,SBT
4345	Blasczyk,Rai	*0206/*9226		*5101/11N/30/32+	*5901	*0102	*1402	PCR-SBT
5106	Brown,Colin	*0206		*51	*5901	*01	*1402/04/07N	PCR-SSOP,SBT
785	Chan,Soh Ha	*0206/*9226		*5101/11N/30/32+	*5901	*0102	*140201	SBT
3224	Chen,Dongfen	*0206		*5101	*5901	*0102	*1402	SBT,SSP,SSO
8021	Clark,Brenda	*0201-05+		*510101-0103/0105+	*5901	*0102/03/06-11+	*1402-08	PCR-SSP
5219	Daniel,Dolly	*02	*02	*51	*59			PCR-SSOP
1108	Davis,Mary	*0206	*0201	*5101	*5901	*0102	*1402	
5323	Dhaliwal,J.	*02		*51	*59	*01	*14	
5891	Du,Keming	*0206	*0206	*5101	*5901	*0102	*1402	PCR-SBT
3186	Dunckley,Hea	*02		*51	*59	*01	*14	SSP
3766	Dunn,Paul	*02		*51	*5901	*01	*14	PCR-SSO,SSP
3428	Eckels/Utah	*0206/*9226/27	*0206/*9226/27	*5101/04/11N/12+	*5901			SSOP
4251	Ellis,Thomas	*0206	*0206	*5101	*5901	*0102	*1402	PCR-SSO,SEQ
762	Fischer&Mayr	*0206/*9226		*5101/11N/30/32+	*5901	*0102	*1402	SSO,SSP,SBT
3135	Fischer,John	*0206		*5101	*5901	*0102	*1402	PCR-SSO,SBT
4691	Hajeer,Ali	*02	*02	*51	*59	*01	*14	SSO
810	Hamdi,Nuha	*0210	*0210	*5103	*5901	*0106	*1402/04/07N+	SSO
5803	Henrico's Do	*02		*51	*59	*01	*14	SSP
1461	Hidajat,Mela	*0206	*0206/-	*5101	*5901	*0102	*1402	SSO,SSP
615	Holdsworth,R	*0206/*9226		*5101/11N/30/32+	*5901	*0102	*1402	SBT
2344	Hurley&Hartz	*020601/*9226	*020601/*9226	*510101/0105/0107+	*5901	*010201/0202	*140201	SBT
87	Land,Geoff	*0206	*0206	*5101	*5901	*0102	*1402	SSO,SSP,SBT
278	Lee,Jar-How	*0201/*9226/44/46		*5101/48/51/55	*5901	*0102/11/15-19	*1402/07N	SSP,RVSSOP
640	Lee,Kyung Wh	*0206		*5101/11N/30/32+	*5901	*0102	*1402	PCR-SBT
9916	McIntyre,Joh	*020601		*510101	*5901	*0102/11/22	*1402/03/05+	SSP,SBT
794	Merenmies,Ju	*0206		*5101	*5901	*0102	*1402	SBT,SSO
733	Mytilineos,J	*02		*51	*59	*01	*14	PCR-SSO
8022	Olerup,Olle	*0206		*5101	*5901	*0102	*1402	SSP
3648	Pereira,Noem	*02	*02	*51	*5901	*01	*14	RVSSO
3966	Permpikul&Ve	*0206		*51	*5901	*0102	*1402	PCR-SSP
2400	Phelan,Donna	*0206		*5101	*5901	*0102	*1402	SSO,SSP,SBT
3753	Reed,Elaine	*0206	*0206	*5101	*5901	*0102	*1402	
3625	Rees,Tracey	*0206		*5101	*5901	*0102	*1402	PCR-SSP,SBT
3798	Reinsmoen,N	*020601		*510101	*5901	*010201	*140201	SBT,RSSO,SSP
1694	Sauer&Gottwa	*02		*51	*59	*01	*14	SSP
3545	Scornik,Juan	*020601		*510101	*5901	*010201	*140201	RVSSOP,SBT
5096	Seoul Red Cr	*02	*02	*51	*59			RVSSOP
8042	Shainberg,Br	*02		*51	*59	*01	*14	SSOP,SSP
735	Smith/MI	*0206		*5101	*5901	*0102	*1402	
740	Snider,Denis	*0206	*0201/-	*5101/21	*5901	*0102	*1402	SSP
13	Tagliere,Jac	*0206		*5101	*5901	*0102	*1402	SSP
4021	Trachtenberg	*02		*51	*5901	*01	*14	RVSSO,SSP
5462	Turner,E.V.	*0206		*5101	*5901	*0102	*1402	SBT,SSO,SSP
5670	Wetmore,Mari	*02		*51	*59	*01	*14	SSP
2847	Yamamori,Shu	*02		*51	*59	*01	*14	RVSSO

SUMMARY

Extract 441 (Hispanic)

51 labs

A*02	53%
A*0201	35%
A*020101	10%
A*0236	2%
A*02	100% TOTAL
A*23	53%
A*2301/17	20%
A*2301	25%
A*2304	2%
A*23	100% TOTAL

51 labs

B*35	24%
B*3510	2%
B*3528	74%
B*35	100% TOTAL
B*44	35%
B*4403	53%
B*440301	12%
B*44	100% TOTAL

48 labs

Cw*04	42%
Cw*0401/09N/28/30	8%
Cw*0401/09N/30	4%
Cw*0401/28/30	11%
Cw*0401/09N	2%
Cw*0401/30	4%
Cw*040101/30	2%
Cw*0401	21%
Cw*040101	4%
Cw*0411	2%
Cw*04	100% TOTAL
Cw*16	40%
Cw*1601	48%
Cw*160101	12%
Cw*16	100% TOTAL

Extract 442 (Caucasian)

51 labs

A*01	51%
A*0101	35%
A*010101	6%
A*01010101	4%
A*01	96% TOTAL
A*02	53%
A*0201	35%
A*020101	10%
A*02010101	2%
A*02	100% TOTAL

51 labs

B*08	45%
B*0801/19N	8%
B*080101/19N	2%
B*0801	33%
B*080101	10%
B*0804	2%
B*08	100% TOTAL
B*51	39%
B*5107	61%
B*51	100% TOTAL

48 labs

Cw*07	42%
Cw*0701/06/18/52	19%
Cw*0701/06/18	10%
Cw*0701/06	4%
Cw*0701	23%
Cw*070101	2%
Cw*07	100% TOTAL
Cw*14	40%
Cw*1402	46%
Cw*140201	14%
Cw*14	100% TOTAL

Extract 443 (Hispanic)

50 labs

A*02	52%
A*0201	40%
A*020101	6%
A*02010101	2%
A*02	100% TOTAL
A*24	54%
A*2402	36%
A*240201	6%
A*24020101	4%
A*24	100% TOTAL

50 labs

B*15	50%
B*1501/39	12%
B*150101/39	2%
B*1501	28%
B*150101	4%
B*15010101	2%
B*1525	2%
B*15	100% TOTAL
B*15	32%
B*1540/*9517	26%
B*1540	40%
B*15	98% TOTAL

47 labs

Cw*03	30%
Cw*0303/20N	19%
Cw*030301/20N	9%
Cw*0303	34%
Cw*030301	6%
Cw*03	98% TOTAL
Cw*03	32%
Cw*0304	57%
Cw*030401	11%
Cw*03	100% TOTAL

Extract 444 (Japanese)

50 labs

A*02	34%
A*0206/*9226	10%
A*020601/*9226	2%
A*0206	40%
A*020601	12%
A*0210	2%
A*02	100% TOTAL

50 labs

B*51	54%
B*5101	30%
B*510101	14%
B*5103	2%
B*51	100% TOTAL
B*59	22%
B*5901	78%
B*59	100% TOTAL

47 labs

Cw*01	36%
Cw*0102	53%
Cw*010201	9%
Cw*0106	2%
Cw*01	100% TOTAL
Cw*14	38%
Cw*1402	45%
Cw*140201	17%
Cw*14	100% TOTAL

CTR	INVESTIGATOR NAME	CELL NO.1353 (Filipino) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*020601	*240201	*510102	*1506	*040101	*0403	SSO,SSP,SBT
2020	Barnardo,Mar	NT						
5106	Brown,Colin	*0206	*2402	*5101	*1506	*0401	*0403	PCR-SSOP,SBT
774	Cecka,J.Mich	*0206	*24	*51	*1506	*04	*0403/16	SSP,SSOP
4492	Charron,D.	*02	*24	*51	*15			
798	Claas,F.H.J.	*0206	*24020101	*5101	*1506	*0401	*0403	SBT,SSP
3632	Colombe,Beth	*0206	*2402	*5101	*1506	*0401	*0403	SSP
3904	Cooper,E.Sha	*020601-0603/91	*24	*51	*1506	*0401	*0403	PCR-SSP
5130	Costeas,Paul	*0206	*2402	*5101	*1506	*0401	*0403	SSP
779	Daniel,Claud	*02	*24	*51	*15(B62)	*04		PCR-SSP
8052	Del Pozo,Ana	*02	*24	*51	*1506			SSO
4269	Dormoy,Anne	*020601	*24020101	*510102	*1506	*0401/30	*0403	PCR-SSP,SBT
3186	Dunckley,Hea	*02	*24	*51	*1506/25/39/40+	*04		SSP
3766	Dunn,Paul	*0206g	*24	*5101/43	*1506	*0401g	*0403	SSO
856	Dupont,Bo	*0206/99/*9227	*2402	*5101/09/11N/12+	*1506	*0401	*0403	RVSSO
5214	Eckels/CPMC	*02	*24	*51	*1506	*04	*0403	SSOP
2332	Elkhalifa,Mo	*02	*24	*51	*15	*04		RVSSO,SSP
4251	Ellis,Thomas	*0206	*2402	*5101	*1506	*0401/28/30	*0403	PCR-SSO,SEQ
762	Fischer&Mayr	*0206/*9226	*2402	*5101	*1506	*0401/09N/28/30	*0403	SSO,SSP,SBT
8043	Gideoni,Osna	*02	*24	*51	*15	*04		SSOP,SSP
810	Hamdi,Nuha	*0210	*24020101	*510102	*1506	*0401/05/07/09N+	*0403	SSO
3808	Hogan,Patric	*02	*24	*51	*1506	*04	*0403/06/19	SSP
771	Israel,Shosh	*0206	*2402	*5101	*1506	*0401	*0403	PCR-SBT
859	Kamoun,Malek	*0206	*2402	*5101	*1506	*0401	*0403	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*0206	*2402/09N	*5101	*1506	*0401	*0403	SBT
168	Klein,Tirza	*0206	*2402	*5101	*1506	*0401	*0403	
278	Lee,Jar-How	*0206/*9226	*2402/76/78/79+	*5101	*1506	*0401/12/15/17+	*0403	SSP,RVSSOP
6649	Lim,Young Ae	*02	*24	*51	*1506/25	*04	*02	PCR-SSP
731	Loewenthal,R	*020601	*240201	*510102	*1506	*040101/03	*0403/09N	SBT,SSO
759	Lopez-Cepero	*0206/10/21/28/41+	*2402/14/15/17+	*5101/43	*1506	*0401/05/07/12+	*0403	RVSSO
8029	Mani,Rama	*02	*24	*51	*15			SSP
792	Moore,S.Brea	*0206	*2402	*5101	*1506	*0401	*0403	PCR-SSO,SSP
4336	Park,Myoung	*02	*24	*51	*1506	*04		RVSSO
16	Pidwell,Dian	*020601	*240201	*510102	*1506	*040101/30	*0403	RSSO,SBT,SSP
4689	Rajczy,Katal	*0206/10/27/28/41+	*2402/18/20/21+	*510102	*1506	*0401/04/05/07+	*0403/06	PCR-SSO,SSP
3625	Rees,Tracey	*0206//*9242	*2402//*2413	*5101	*1506	*0401/28/30		SBT,PCR-SSP
5200	Reinke,Denni	*02	*24	*51	*15(B62)	*04		SSP
1160	Rosen-BronGT	*02	*24	*51	*1506	*04		RVSSO,SSP
793	Rubocki,Ron	*02	*24	*51	*15(B62/75)			SSP
4948	Sage,Deborah	*0206	*2402	*5101	*1506	*0401/09N/28/30	*0403	
8001	Sheikh,Maqso	*02	*24	*51	*1506	*04		
769	Tavoularis,S	*0206	*2402	*5101	*1506	*0401	*0403	SSO,SBT,SSP
747	Tiercy,Jean-	*020601	*24020101	*510102	*1506	*0401	*0403	SSO,SSP,SBT
5451	Tilanus,Marc	*020601	*24020101	*510102	*1506	*040101	*0403	SBT
5462	Turner,E.V.	*0206	*2402	*5101	*1506	*0401/16	*0403	SBT,SSO,SSP
5642	Varnavidou-N	*02	*24	*51	*15	*04		PCR-SSP,SSO
705	Watkins,Davi	*0206/10/21+	*2402g	*5101	*1506	*0401g	*0403	SSO

INVESTIGATOR	CELL NO.1354 (Black)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*240201	*680201	*510101	*8101	*150201	*1801	SSO,SSP,SBT
2020 Barnardo,Mar	NT						
5106 Brown,Colin	*2402	*6802	*5101	*8101/02	*1502/13/18/21	*1801/02	PCR-SSOP,SBT
774 Cecka,J.Mich	*24	*68	*51	*8101	*15	*18	SSP,SSOP
4492 Charron,D.	*24	*68	*51	*81			
798 Claas,F.H.J.	*24020101	*6802	*5101	*8101	*1502	*1801	SBT,SSP
3632 Colombe,Beth	*2402	*6802	*5101	*8101	*1502	*1801	SSP
3904 Cooper,E.Sha	*24	*68	*51	*81	*15	*18	PCR-SSP
5130 Costeas,Paul	*2402	*6802	*5101	*8101	*1502	*1801	SSP
779 Daniel,Claud	*24	*68	*51	*8101/03/04N	*15	*1801/02	PCR-SSP
8052 Del Pozo,Ana	*24	*68	*51	*81			SSO
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*24	*68	*51	*81	*15	*18	SSP
3766 Dunn,Paul	*24	*6802/18N/31/34	*51	*8101-04N	*1502/10/13/21	*1801/02	SSO
856 Dupont,Bo	*2402	*6802	*5101/09/11N/12+	*8101-03	*1502/10/11/13+	*1801/02	RVSSO
5214 Eckels/CPMC	*24	*68	*51	*81	*15	*18	SSOP
2332 Elkhalifa,Mo	*24	*68	*51	*81	*15	*18	RVSSO,SSP
4251 Ellis,Thomas	*2402	*6802	*5101	*8101/02	*1502/13	*1801/02	PCR-SSO,SEQ
762 Fischer&Mayr	*2402	*6802	*5101/11N/30/32+	*8101/03	*1502/13	*1801/02	SSO,SSP,SBT
8043 Gideoni,Osna	*24	*68	*51	*81	*15	*18	SSOP,SSP
810 Hamdi,Nuha	*24020101	*6802/18N/31/34	*5103	*8101	*1502/13/14/21	*1801	SSO
3808 Hogan,Patric	*24	*68	*51	*81	*15	*18	SSP
771 Israel,Shosh	*2402	*6802	*5101	*8101	*1502	*1801	PCR-SBT
859 Kamoun,Malek	*2402	*6802	*5101	*8101/03/04N	*1502	*1801/02	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*2402/09N	*6802	*5101	*8101	*1502	*1801/02	SBT
168 Klein,Tirza	*2402	*6802	*5101	*8101-03	*1502	*1801	
278 Lee,Jar-How	*2402/76/78/79/83N+	*6802/34	*5101/48/51/55	*8101	*1502/13	*1801	SSP,RVSSOP
6649 Lim,Young Ae	*24	*68	*51	*81	*15	*18	PCR-SSP
731 Loewenthal,R	*240201	*680201	*51	*81	*150201/13	*1801/02	SBT,SSO
759 Lopez-Cepero	*2402/07/15/17/20+	*6802/31/34	*5101/03/14/17+	*8101/02	*1502/10/13/21	*1801/02	RVSSO
8029 Mani,Rama	*24	*68	*51	*81			SSP
792 Moore,S.Brea	*2402	*6802	*5101	*8101/03	*1502	*1801	PCR-SSO,SSP
4336 Park,Myoung	*24	*68	*51	*8101-03	*15	*1801/02	RVSSO
16 Pidwell,Dian	*240201	*680201	*510101	*8101/02	*150201/21	*1801	RSSO,SBT,SSP
4689 Rajczy,Katal	*2402/07/20/21+	*6802/31/34	*5101/03/12/18+	*8101-03	*1502/04-06/08+	*1801/02	PCR-SSO,SSP
3625 Rees,Tracey	*2402	*6802	*51	*81	*1502/13	*1801/02	SBT,PCR-SSP
5200 Reinke,Denni	*24	*68	*51	*81	*15	*18	SSP
1160 Rosen-BronGT	*24	*68	*51	*81	*15	*18	RVSSO,SSP
793 Rubocki,Ron	*24	*68	*51	*81			SSP
4948 Sage,Deborah	*2402	*6802	*5101/11N/30/32+	*8101-03	*1502/13	*1801/02	
8001 Sheikh,Maqso	*24	*68	*51	*81	*15	*18	
769 Tavoularis,S	*2402	*6802	*5101	*8101	*1502	*1801	SSO,SBT,SSP
747 Tiercy,Jean-	*24020101	*6802	*510101	*8101	*1502	*1801/02	SSO,SSP,SBT
5451 Tilanus,Marc	*24020101	*680201	*510101	*8101	*150201	*1801	SBT
5462 Turner,E.V.	*2402	*6802	*5101	*8101/02	*1502	*1801	SBT,SSO,SSP
5642 Varnavidou-N	*24	*68	*51	*81	*15	*18	PCR-SSP,SSO
705 Watkins,Davi	*2402g	*6802/18N/28/34+	*5101g	*8101-04N	*1502/13/18/21	*1801/02	SSO

CTR	INVESTIGATOR NAME	CELL NO.1355 (Thai) A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*020101	*020301	*1301	*4001	*030401	*070201	SSO,SSP,SBT
2020	Barnardo,Mar	NT						
5106	Brown,Colin	*0201	*0203	*1301	*4001	*0304	*0702	PCR-SSOP,SBT
774	Cecka,J.Mich	*02	*02	*13	*40	*03	*07	SSP,SSOP
4492	Charron,D.	*0201/25/26/71	*0203	*1301/23	*4001/79/81/84+	*0304/24/47/48	*0702	PCR-SSP
798	Claas,F.H.J.	*0201	*0203	*1301	*4001	*0304	*0702	SBT,SSP
3632	Colombe,Beth	*0201/26	*0203	*1301	*4001	*0304	*0702	SSP
3904	Cooper,E.Sha	*020101-0102/0104+	*0203	*13	*4001/62/65-67	*0304/06/08	*07	PCR-SSP
5130	Costeas,Paul	*0201/71	*0203	*1301	*4001	*0304	*0702	SSP
779	Daniel,Claud	*0201	*020301/0302	*13	*40(B60)	*03(Cw10)	*07	PCR-SSP
8052	Del Pozo,Ana	*02	*0203	*13	*40(B60)			SSO
4269	Dormoy,Anne	NT						
3186	Dunckley,Hea	*02		*13	*4001/22N/30/34+	*0304-06/08-10+	*07	SSP,SBT
3766	Dunn,Paul	*02	*0203/*9248	*13	*40	*03	*07	SSO
856	Dupont,Bo	*0201	*0203/*9217	*1301/12/13/17+	*4001	*0304	*0702/10/17/19+	RVSSO
5214	Eckels/CPMC	*02	*0203	*13	*40(B60)	*03(Cw10)	*07	SSOP
2332	Elkhalifa,Mo	*02		*13	*40	*03	*07	RVSSO,SSP
4251	Ellis,Thomas	*0201	*0203	*1301	*4001	*0304	*0702/50	PCR-SSO,SEQ
762	Fischer&Mayr	*0201	*0203	*1323	*4001/55	*0304	*0702/50	SSO,SSP,SBT
8043	Gideoni,Osna	*02		*13	*40	*03	*07	SSOP,SSP
810	Hamdi,Nuha	*02010101	*020301	*1301	*400101	*030401	*07020101	SSO
3808	Hogan,Patric	*02		*13	*40	*03	*07	SSP
771	Israel,Shosh	*0201	*0203	*1301	*4001	*0304	*0702	PCR-SBT
859	Kamoun,Malek	*0201	*0203	*1301	*4001	*0304	*0702	PCR-SSO,SSP
4337	Kim,Tai-Gyu	*0201	*0203	*1301	*4001	*0304	*0702	SBT
168	Klein,Tirza	*0201	*0203	*1301	*4001	*0304	*0702	
278	Lee,Jar-How	*0201/*9220/21/32+	*0203	*1301	*4001/55/81/87+	*0304	*0702/38	SSP,RVSSOP
6649	Lim,Young Ae	*02		*13	*4001/07/10	*03	*07	PCR-SSP
731	Loewenthal,R	*020101	*020301	*1301	*4001	*0304/32/35/38+	*070201/50/51+	SBT,SSO
759	Lopez-Cepero	*0201/04/07/09/17+	*0203	*1301/11-13/20	*4001/48/54/55+	*0304/02/05/06+	*0702/10/13/29+	RVSSO
8029	Mani,Rama	*02	*02	*13	*40			SSP
792	Moore,S.Brea	*0201	*0203	*1301	*4001	*0304	*0702	PCR-SSO,SSP
4336	Park,Myoung	*02		*13	*40	*03	*07	RVSSO
16	Pidwell,Dian	*020101	*020301	*1301//*1313//+	*4001//*4048//+	*0304/44/46/48	*0702/39/42/46+	RSSO,SBT,SSP
4689	Rajczy,Katal	*0201/06/07/09/15N+	*0203	*1301/11-13	*4001/54/55/62+	*0302/04-06/09+	*0702/03/05/13+	PCR-SSO,SSP
3625	Rees,Tracey	*0201	*0203	*1301	*4001	*0304	*0702/50	SBT,PCR-SSP
5200	Reinke,Denni	*02		*13	*40(B60)	*03(Cw10)	*07	SSP
1160	Rosen-BronGT	*02	*0203	*13	*4001	*03	*07	RVSSO,SSP
793	Rubocki,Ron	*02		*13	*40(B60)			SSP
4948	Sage,Deborah	*0201	*0203	*1301/13	*4401/48/55	*0304/32/35/38+	*0702/10/29/39+	
8001	Sheikh,Maqso	*02		*13	*4001/54/55/62+	*0302/04	*07	
769	Tavoularis,S	*0201/01L	*0203	*1301	*4001	*0304	*0702	SSO,SBT,SSP
747	Tiercy,Jean-	NT						
5451	Tilanus,Marc	*020101	*020301	*1301	*4001	*0304	*070201	SBT
5462	Turner,E.V.	*0201	*0203	*1301	*4001	*0304	*0702	SBT,SSO,SSP
5642	Varnavioud-N	*02		*13	*40	*03	*07	PCR-SSP,SSO
705	Watkins,Davi	*0201g		*1301/07N/12/13+	*4001g	*0302g	*0702g	SSO

INVESTIGATOR	CELL NO.1356 (Japanese/Chinese)						
CTR NAME	A1	A2	B1	B2	C1	C2	method
745 Anthony Nola	*020601	*260101	*400601	*480101	*030301	*0803	SSO,SSP,SBT
2020 Barnardo,Mar	NT						
5106 Brown,Colin	*0206	*2601	*4006	*4801	*0303/13/20N/22Q	*0803	PCR-SSOP,SBT
774 Cecka,J.Mich	*0206	*26	*4006	*4801/09	*03	*08	SSP,SSOP
4492 Charron,D.	*0206	*2601/37	*4006/86	*4801	*0303/50	*0803	PCR-SSP
798 Claas,F.H.J.	*0206	*2601	*4006	*4801	*0303	*0803	SBT,SSP
3632 Colombe,Beth	*0206	*2601	*4006	*4801	*0303	*0803	SSP
3904 Cooper,E.Sha	*020601-0603/91	*26	*400601	*48	*0303/11/13	*08	PCR-SSP
5130 Costeas,Paul	*0206	*2601	*4006	*4801	*0303	*0803	SSP
779 Daniel,Claud	*02	*26	*40(B61)	*48	*03(Cw9)	*08	PCR-SSP
8052 Del Pozo,Ana	*02	*26	*40(B61)	*48			SSO
4269 Dormoy,Anne	NT						
3186 Dunckley,Hea	*02	*26	*4006	*48	*0303/11-13/18+	*08	SSP
3766 Dunn,Paul	*02	*26	*4006/70	*4801/09/11	*0303/11/12/20N+	*0803/14	SSO
856 Dupont,Bo	*0206/99/*9227	*2601	*4006/70/83	*4801/09-12/15+	*0303/11/13/20+	*0801/03/04/08+	RVSSO
5214 Eckels/CPMC	*02	*26	*40(B61)	*48	*03(Cw9)	*08	SSOP
2332 Elkhalifa,Mo	*02	*26	*40	*48	*03	*08	RVSSO,SSP
4251 Ellis,Thomas	*0206	*2601	*4006	*4801	*0303/20N	*0803	PCR-SSO,SEQ
762 Fischer&Mayr	*0206/*9226	*2601/24/26	*4006	*4801/09	*0303	*0803	SSO,SSP,SBT
8043 Gideoni,Osna	*02	*26	*40	*48	*03	*08	SSOP,SSP
810 Hamdi,Nuha	*0210	*260101	*40060101	*4801/09/11	*030301	*0803	SSO
3808 Hogan,Patric	*02	*26	*40	*48	*03	*08	SSP
771 Israel,Shosh	*0206	*2601	*4006	*4801	*0303	*0803	PCR-SBT
859 Kamoun,Malek	*0206	*2601	*4006	*4801/09/11	*0303	*0803	PCR-SSO,SSP
4337 Kim,Tai-Gyu	*0206	*2601	*4006	*4801	*0303	*0803	SBT
168 Klein,Tirza	*0206	*2601	*4006	*4801	*0303	*0803	
278 Lee,Jar-How	*0206/*9226	*2601/24/37	*4006	*4801/09	*0303/20N/22Q/30	*0803/14	SSP,RVSSOP
6649 Lim,Young Ae	*02	*26	*4002-04/06	*48	*03	*08	PCR-SSP
731 Loewenthal,R	*020601	*260101	*400601	*480101	*030301/20N	*0803	SBT,SSO
759 Lopez-Cepero	*0206/10/21/28/57+	*2601/10/15-17+	*4006/70	*4801/09/11	*0303/11/12/30	*0803/14	RVSSO
8029 Mani,Rama	*02	*26	*40	*48			SSP
792 Moore,S.Brea	*0206	*2601	*4006	*4801	*0303	*0803	PCR-SSO,SSP
4336 Park,Myoung	*02	*26	*4006/70	*48	*03	*0806	RVSSO
16 Pidwell,Dian	*020601//*9237	*260101//*2610	*400601	*480101	*0303/50	*0803	RSSO,SBT,SSP
4689 Rajczy,Katal	*0206/21/28/35/41+	*2601/02/10/15+	*4006	*4801/04/09/11+	*0303/12/22Q/30+	*0801/03/06/08+	PCR-SSO,SSP
3625 Rees,Tracey	*0206//*0299	*2601//*2612	*40(B61)	*48	*0303	*0803	SBT,PCR-SSP
5200 Reinke,Denni	*02	*26	*40(B61)	*48	*03(Cw9)	*08	SSP
1160 Rosen-BronGT	*02	*26	*4006	*48	*03	*08	RVSSO,SSP
793 Rubocki,Ron	*02	*26	*40(B61)	*48			SSP
4948 Sage,Deborah	*0206/99/*9237	*2601/10/12	*4006	*4801/09	*0303/20N	*0803	
8001 Sheikh,Maqso	*02	*26	*4006	*48	*0303/11	*08	
769 Tavoularis,S	*0206	*2601	*4006	*4801	*0303	*0803	SSO,SBT,SSP
747 Tiercy,Jean-	NT						
5451 Tilanus,Marc	*020601	*260101	*400601	*480101	*030301	*0803	SBT
5462 Turner,E.V.	*0206	*2601	*4006	*4801	*0303	*0803	SBT,SSO,SSP
5642 Varnavidou-N	*02	*26	*40	*48	*03	*08	PCR-SSP,SSO
705 Watkins,Davi	*0206g	*2601g	*4006/70/83	*4801/09/11/16	*0303/13/20N/22Q	*0803/06	SSO

Cell 1353 (Filipino)

46 labs

A*02	54%	
A*0206	31%	
A*020601	13%	
A*0210	2%	
A*02	100%	TOTAL
A*24	54%	
A*2402	28%	
A*240201	7%	
A*24020101	11%	
A*24	100%	TOTAL

46 labs

B*51	46%	
B*5101	37%	
B*510102	17%	
B*51	100%	TOTAL
B*15	22%	
B*1506	78%	
B*15	100%	TOTAL

42 labs

Cw*04	64%	
Cw*0401	31%	
Cw*040101	5%	
Cw*04	100%	TOTAL
Cw*04	34%	
Cw*0403	64%	
Cw*04	98%	TOTAL

Cell 1354 (Black)

45 labs

A*24	53%	
A*2402	31%	
A*240201	7%	
A*24020101	9%	
A*24	100%	TOTAL
A*68	53%	
A*6802	38%	
A*680201	9%	
A*68	100%	TOTAL

45 labs

B*51	62%	
B*5101	27%	
B*510101	9%	
B*5103	2%	
B*51	100%	TOTAL
B*81	62%	
B*8101/02	11%	
B*8101	27%	
B*81	100%	TOTAL

41 labs

Cw*15	54%	
Cw*1502/13	12%	
Cw*150201/13	2%	
Cw*1502	27%	
Cw*150201	5%	
Cw*15	100%	TOTAL
Cw*18	29%	
Cw*1801/02	39%	
Cw*1801	32%	
Cw*18	100%	TOTAL

Cell 1355 (Thai)

44 labs

A*02	52%	
A*0201	37%	
A*020101	9%	
A*02010101	2%	
A*02	100%	TOTAL
A*02	34%	
A*0203	55%	
A*020301	11%	
A*02	100%	TOTAL

44 labs

B*13	57%	
B*1301	41%	
B*1323	2%	
B*13	100%	TOTAL
B*40	57%	
B*4001	41%	
B*400101	2%	
B*40	100%	TOTAL

41 labs

Cw*03	54%	
Cw*0304	41%	
Cw*030402	5%	
Cw*03	100%	TOTAL
Cw*07	63%	
Cw*0702	29%	
Cw*070201	5%	
Cw*07020101	3%	
Cw*07	100%	TOTAL

Cell 1356 (Japanese/Chinese)

44 labs

A*02	59%	
A*0206	32%	
A*020601	7%	
A*0210	2%	
A*02	100%	TOTAL
A*26	61%	
A*2601	30%	
A*260101	9%	
A*26	100%	TOTAL

44 labs

B*40	41%	
B*4006	46%	
B*400601	11%	
B*40060101	2%	
B*40	100%	TOTAL
B*48	46%	
B*4801/09/11	9%	
B*4801/09	9%	
B*4801	27%	
B*480101	9%	
B*48	100%	TOTAL

41 labs

Cw*03	64%	
Cw*0303	29%	
Cw*030301	7%	
Cw*03	100%	TOTAL
Cw*08	46%	
Cw*0803	51%	
Cw*0806	3%	
Cw*08	100%	TOTAL

INTERNATIONAL CELL EXCHANGE

		CELL NO.1353										CELL NO.1354									CELL NO.1355									CELL NO.1356								
		VIA	A 2	A 2	B 5	B 6	C W	C 4	B W	B	(FILP)	VIA	A 2	A 6	B 5	B 1		B 4	B 6	(BLCK)	VIA	A 2		B 1	B 6	C W	C 3	B 7	B 4	(THAI)	VIA	A 2	A 6	B 4	B W	W 6		(ASIA)
INVESTIGATOR NAME	DAYS OLD	B %		4	1	2	4	0 3	4	6	OTHERS	B %		4	8	1	1		4	6	OTHERS	B %			3	0	3	7	4	6	OTHERS	B %		6	1	8	3	8	6	OTHERS
Abbal,Michel	6	98	+	+	+	+			+	+		90	+	+	+	+			+	+		98	+		+	+			+	+		98	+	+	+	+			+		
Alvarez,Carr	6	100	+	+	+	+	+		+	+		100	+	+	+	+			+	+	CW6	100	+		+	+	+			+		100	+	+	+	+	+		+		
Anthony Nola	3	98	+	+	+	+						98	+	+	+	+						99	+		+	+						98	+	+	+						
Berka,Noured	6	98	+	+	+	+	+		+	+		98	+28	+	+				+	+	CW6	98	+		+	+	+	+	+	+		98	+	+	+	+	+		+		
Bow,Laurine	3	99	+	+	+	+	+		+	+		99	+28	+	+				+	+		99	+		+	+	+	+	+	+		99	+	+	+	+	+		+		
Burger,Joe	2	99	+	+	+	+	+		+	+		99	+	+	+	+			+	+	CW6	99	+		+	+	+	+	+	+		99	+	+	+	+	+		+		
Cecka,J.Mich	2	95	+	+	+	+			+	+		95	+	+	+	+			+	+		95	+		+	+			+	+		95	+	+	+	+			+		
Chan MD,Soh	4	95	+	+	+	+	+		+	+		95	+	+	+	+			+	+	CW6,CW8	95	+		+		+	+	+	+	B61	95	+	+	+	+	+	+	+		
Charron,D. P	6	95	+	+	+15				+	+		95	+28	+	+				+	+		95	+		+40				+	+		95	+	+40		+			+		
Choo,Yoon MD	2	99	+	+	+	+	+		+	+		99	+	+	+	+			+	+	CW6	99	+		+	+	+	+	+	+		99	+	+	+	+	+		+		
Claas,F.H.J.	6	90	+	+	+	+	+		+	+		90	+	+	+	+			+	+		90	+		+	+	+			+		90	+	+40		+			+		
Cooper,E. Sh	2	99	+	+	+	+			+	+		99	+	+	+	+			+	+		99	+		+	+			+	+		99	+	+40					+		
Dhaliwal,J.S	14	C										NT										C										C									
Du Toit,Erne	9	80	+	+	+	+			+	+		80	+		+				+	+	A69,B7	C										C									
Dunckley,Hea	9	99	+	+	+	+			+	+		NT										99	+		+	+			+	+		???	+	+40	+				+		
Dunk,Arthur	2	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+	CW6	98	+		+	+	+	+	+	+		98	+	+	+	+	+	+	+		
Dunn,Paul Dr	6	97	+	+	+	+			+	+		97	+	+	+	+			+	+		97	+		+	+			+	+		97	+	+		+			+	B60	
Eckels/CPMC,	2	99	+	+	+	+	+		+	+		98	+	+	+	+			+	+		99	+		+	+	+	+	+	+		99	+	+	+	+	+		+		
Eckels/Utah,	3	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+	CW6	98	+		+	+	+	+	+	+		98	+	+		+	+		+	B60	
Esteves Kond	2	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+		98	+		+	+10	+	+	+			98	+	+	+	+W9	+		+		
Fischer,Joha	6	98	+	+	+	+			+	+		98	+	+	+	+			+	+		98	+		+	+			+	+	A203	99	+	+	+	+			+		
Gideoni,Osna	6	100	+	+	+	+	+					100	+28	+	+							100	+		+	+	+	+				100	+	+	+	+	+	+			
Goggins,R.	2	99	+	+	+	+	+		+	+		99	+28	+	+				+	+		99	+		+	+	+	+	+	+		99	+	+	+	+	+	+	+		
Hahn,Amy B.	6	99	+	+	+	+	W6		+	+		99	+	+	+	+			+	+	CW6	99	+		+	+10	+	+	+			99	+	+		+W9			+	CW7,B60	
Harville,Ter	8	98	+	+	+	+	+W6		+	+		98	+	+	+	+			+	+		98	+		+	+10	+	+	+			98	+	+	+	+W9	+		+		
Hirankarn MD	7	74	+	+	+	+			+	+		86	+		+	+			+	+	B7	75	+		+	+			+	+	A68	C								
Hogan,Patric	9	80	+	+	+	+	+		+	+		80	+	+	+	+			+	+		C										80	+	+	+	+	+		+		
Holdsworth,R	7	97	+	+	+	+	+		+	+		97	+	+	+	+			+	+		98	+		+	+	+	+	+	+		97	+	+40	+	+			+		
Ichikawa MD,	10	???	+	+	+	+	+		+	+		???	+	+	+				+	+	B7	???	+		+				+	+	B48	???	+	+	+	+			+		
Israel,Shosh	5	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+		98	+		+	+	+	+	+	+		98	+	+	+	+	+		+		
Jaramillo,An	2	99	+	+	+	+	+		+	+		99	+	+	+	+			+	+	CW6	99	+		+	+10	+	+	+			99	+	+	+	+W9			+		
Keown,Paul M	3	98	+	+	+	+			+	+		98	+28	+	+				+	+		???	+		+	+			+	+		???	+	+40		+			+		
Klein,Tirza	8	95	+	+	+	+	+		+	+		95	+	+	+				+	+	B7	95	+		+	+	+	+	+	+		???	+	+	+	+	+		+		
Kvam,Vonnett	2	98	+	+	+	+	+		+	+		97	+28	+	+				+	+	CX18	98	+		+	+	+	+	+	+		98	+	+	+	+	+	+	+		
Lardy,N.M. D	3	90	+	+	+	+			+	+		90	+28	+	+				+	+		70	+		+	+			+	+		90	+	+	+	+			+		
Lebeck,Laura	2	98	+	+	+	+	+		+	+		98	+28	+	+				+	+		98	+		+	+	+	+	+	+		98	+	+	+	+	+		+		
Leech MD,Ste	2	95	+	+	+	+	+		+	+		95	+	+	+				+	+	CW6,B7	95	+		+	+	+	+	+	+		95	+	+		W9			+	B60,CW3	
Lo,Raymundo	6	98	+	+	+				+	+	B75	98	+	+	+	+			+	+		98	+		+	+			+	+	A3	98	+	+	+				+	B60	
Loewenthal M	6	95	+	+	+	+	+		+	+		95	+28	+	+				+	+		95	+		+	+	+	+	+	+		95	+	+	+	+	+	+	+		
Lopez-Cepero	2	99	+	+	+	+	+W6		+	+		99	+	+	+	+			+	+	CW6	99	+		+	+	+	+	+	+		99	+	+40	+	+			+		
MacCann,Eile	2	98	+	+	+	+			+	+		98	+	+	+	+			+	+		98	+		+				+	+	B61	98	+	+	+				+	B67	
Mah,Helen	3	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+		98	+		+	+	+	+	+	+		98	+	+	+	+	+	+	+		
McAlack,Robe	2	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+	CW6	98	+		+	+10	+	+	+			98	+	+	+	+	+		+		
McAlack-Bala	4	98	+	+	+	+	+W6		+	+		98	+	+	+	+			+	+	CW6	98	+		+	+10	+	+	+			98	+	+	+	+	+		+		
McCluskey,Ja	8	90	+	+	+15	+	+					95	+28	+	+						CW7	95	+		+	+	+					90	+	+40	+	+					
Meyer,Pieter	17	80		+	+15						A1	79	+	+	+						B7	80	+		+	+						80	+	+						B60	
Mpuntsha,Loy	7	90	+	+	+	+			+	+		90	+28	+	+				+	+		90	+		+				+	+		90	+	+					+	B60	
Norin,Allen	2	98	+	+	+	+	+		+	+		98	+	+	+	+			+	+		98	+		+	+			+	+		99	+	+40	+				+		
Pais,Maria L	9	99	+	+	+	+						99	+	+	+						B7	99	+		+	+					A68	99	+	+						B60	
Park,Myoung	6	90	+	+	+	+	+		+	+		90	+28	+	+				+	+		95	+		+	+	+		+			93	+	+	+	+	+		+		

INTERNATIONAL CELL EXCHANGE

INVESTIGATOR NAME	DAYS OLD	CELL NO.1353 (FILP)										CELL NO.1354 (BLCK)										CELL NO.1355 (THAI)										CELL NO.1356 (ASIA)									
		VIAB%	A2	A4	B1	B2	C4	C03	B4	W6	OTHERS	VIAB%	A2	A4	B8	B1	B4	W6	OTHERS	VIAB%	A2	A3	B0	B7	C4	C6	B4	W6	OTHERS	VIAB%	A2	A6	B1	B8	C3	C3	B6	OTHERS
Permpikul,Ve	5	95	+	+	+	+			+	+		95	+	+	+	+	+	+		95	+	+	+			+	+			95	+	+	+	+			+		
Phelan,Donna	2	98	+	+	+	+	+		+	+		98	+	+	+	+	+	+	CX15,CX18	98	+	+	+	+	+	+	+			98	+	+	+	+	+	+	+	+	
Pidwell,Dian	3	95	+	+	+	+	+		+	+		95	+	+	+	+	+	+		95	+	+	+	+	+	+	+			95	+	+		+	+		+		B60
Pollack,Mari	2	98	+	+	+	+	+W6		+	+		98	+28	+	+		+	+	CW6	98	+	+	+	+	+	+	+			98	+	+	+	+	+		+		
Rajczy,Katal	3	95	+	+	+	+	+		+	+		95	+28	+			+	+	CW6,B7	95	+	+	+	+	+	+	+			95	+	+		+	+		+		B60
Rees,Tracey	6	80	+	+	+	+	+		+	+		80	+	+	+	+	+	+		80	+	+	+	+	+	+	+			80	+	+	+	+	+		+		
Rosen-BronGT	3	90	+	+	+	+						90	+	+	+	+			B7,B48	90	+	+	+							90	+	+	+	+					
Rosen-BronMS	2	99	+	+	+	+	+		+	+		99	+	+	+	+	+	+	CW6	99	+	+	+	+	+	+	+			99	+	+	+	+	+	+	+		
Rosenberg,J.	2	99	+	+	+	+	+		+	+		99	+	+	+	+	+	+	CX15,CX18	99	+	+	+10	+	+	+				99	+	+	+	+W9	+		+		
Rubocki,Rona	2	98	+	+	+	+			+	+		98	+28	+	+		+	+		98	+	+	+			+	+			98	+	+40	+				+		
Sauer,Gottwa	3	100	+	+	+	+	+		+	+		100	+	+	+		+	+	B7	100	+	+	+	+	+	+	+			100	+	+	+	+	+		+		
Semana MD,Gi	13	90	+	+	+15				+	+		90	+	+	+	+	+	+		90	+	+	+			+	+	A74		NT									
Sperry,Roxan	2	98	+	+	+	+	+W6		+	+		98	+28	+	+		+	+	CW6	98	+	+	+	+	+	+	+			98	+	+	+	+	+		+		
Stamm,Luz	8	90	+	+	+	+	+		+	+		90	+	+	+	+	+	+		90	+	+	+	+	+	+	+			90	+	+	+	+	+	+	+		
Tagliere,Jac	2	100	+	+	+	+	+		+	+		100	+	+	+	+	+	+		100	+	+	+	+	+	+	+			100	+	+	+	+	+		+		
Tiercy,Jean-	6	80	+	+	+	+			+	+		80	+28	+	+		+	+		NT										NT									
Tilanus,Marc	7	90	+	+	+	+			+	+		90	+28	+	+		+	+		90	+	+	+			+	+			90	+	+	+	+			+		
Varnavidou-N	6	98	+	+	+15				+	+		98	+	+	+	+	+	+		98	+	+	+			+	+			98	+	+40	+				+		
Vidan-Jeras,	6	100	+	+	+	+	+		+	+		100	+	+	+	+	+	+		100	+	+	+	+	+	+	+			85	+	+		+	+		+		B60
Walter Reed	2	98	+	+	+	+	+		+	+		98	+28	+	+		+	+	CW6	98	+	+40	+	+	+	+	+			98	+	+40	+	+			+		
Wisecarver,J	7	98	+	+	+	+			+	+		98	+28	+	+		+	+		98	+	+	+			+	+			95	+	+	+	+			+		

SUMMARY TABLE

(FILP)
**** CELL 1353 ****
(70 SAMPLES TYPED)

A2	98.6%
	(98.6%)
A24	100.0%
	(100.0%)
B51	100.0%
	(100.0%)
B62	91.4%
B15	7.1%
	(98.6%)
CW4	62.9%
C403	1.4%
CW6	8.6%
	(10.0%)
BW4	91.4%
BW6	91.4%

(OTHERS FOUND)

A1	1.4%
B75	1.4%

(BLCK)
**** CELL 1354 ****
(69 SAMPLES TYPED)

A24	100.0%
	(100.0%)
A68	66.7%
A28	30.4%
	(97.1%)
B51	100.0%
	(100.0%)
B81	88.4%
	(88.4%)
BW4	91.3%
BW6	91.3%

(OTHERS FOUND)

CW6	26.1%
B7	14.5%
CX18	4.3%
CX15	2.9%
CW7	1.4%
B48	1.4%
CW8	1.4%
A69	1.4%

(THAI)
**** CELL 1355 ****
(67 SAMPLES TYPED)

A2	100.0%
	(100.0%)
B13	100.0%
B60	92.5%
B40	3.0%
	(95.5%)
CW3	50.7%
CW10	10.4%
	(61.2%)
CW7	59.7%
BW4	86.6%
BW6	91.0%

(OTHERS FOUND)

A68	3.0%
B61	3.0%
B48	1.5%
A74	1.5%
A203	1.5%
A3	1.5%

(ASIA)
**** CELL 1356 ****
(66 SAMPLES TYPED)

A2	100.0%
	(100.0%)
A26	100.0%
	(100.0%)
B61	66.7%
B40	18.2%
	(84.8%)
B48	84.8%
CW3	57.6%
CW9	9.1%
	(66.7%)
CW8	19.7%
BW6	90.9%

(OTHERS FOUND)

B60	16.7%
B67	1.5%
CW3	1.5%
CW7	1.5%

*** 71 LABORATORIES REPLIED ***

********** NEXT SHIPMENT: 04/08/2009 **********