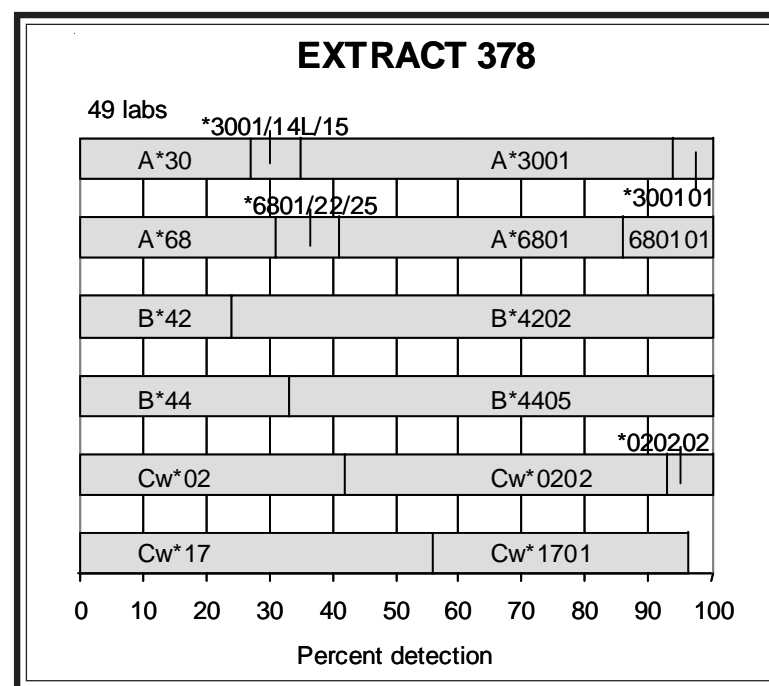
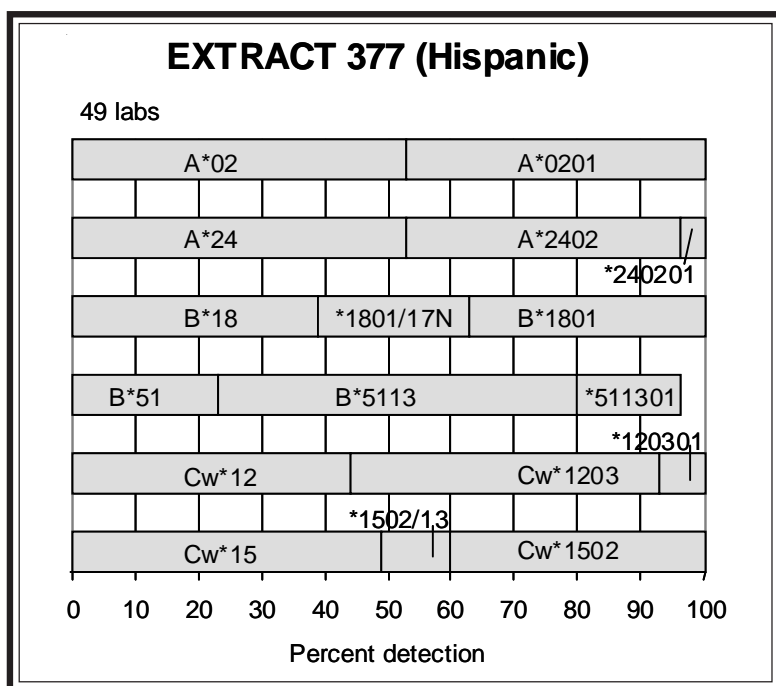


REPORT OF THE 323rd CELL EXCHANGE

MARCH 7, 2007

DNA Extract	377-380
Cells	1289-1292

Extract Exchange



Extract 377. This Hispanic donor was the offspring of cell 1271 typed in a 2006 Cell Exchange study. Both donors shared the rare B*5113. In this present typing, the variant was detected by 73%, with B*511301 assigned by 16%. Last year, B*5113 was typed by 77% and B*511301 by 14%. Cell 1271 was also typed by serology, with 94% assigning B51; several labs noted shorter than normal reactivity with anti-B51 sera.

B*1801 was reported by 37% as the second B-locus allele.

Cw*1203 (56%) and Cw*1502 (40%) were the C-locus types. When typing cell 1271, van den Berg-Loonen differentiated Cw*150201 from Cw*1513 by performing SBT of exon 4.

From this family study, the haplotypes were determined to be A*0201-B*5113-Cw*1502, the haplotype shared by parent and offspring, and A*2402-

B*1801-Cw*1203. A*0201-B*5113-Cw*15 was also observed in K60, the reference B*5113 cell, from a South American Indian individual (1), as noted by Dunn.

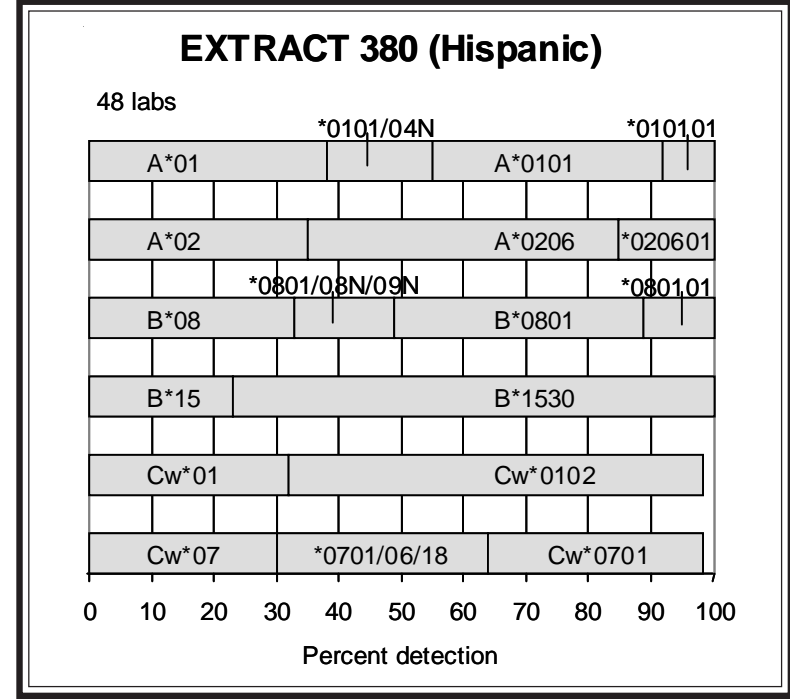
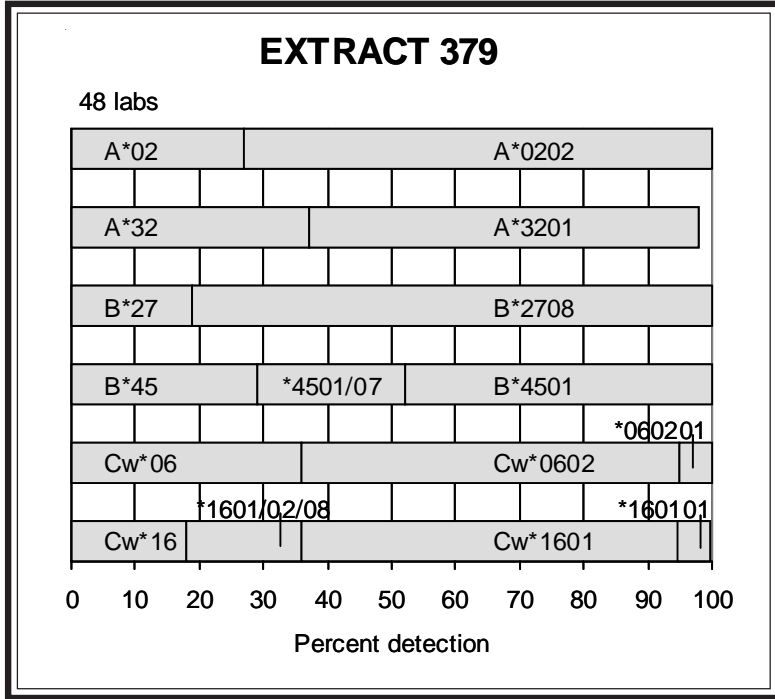
Extract 378. B*4202 was reported by 76% for this cell. This same B*42 allele was previously typed in exchange cells 949 (Blck/Cauc), 1037 (Black), 1039 (Black), 1051 (NatAm/Japn), and 1119 (Hispanic).

B*4405 (67%) was the second B-locus subtype. B*4405 was previously typed in extracts 221 (Hispanic) and 326 (Cauc).

A*3001 (65%) and A*6801 (*680101) (59%) were the A-locus alleles.

Cw*0202 (58%) and Cw*1701 (40%) were the C-locus subtypes.

B*4202-Cw*1701 and B*4405-Cw*0202 were the likely associations.



A*3001-B*4202-Cw*1701 may be one probable haplotype. This same haplotype was found in the parent-offspring pair, cells 949 and 1039, as well as in cells 1037 and 1051. The other probable haplotype was A*6801-B*4405-Cw*0202.

Extract 379. B*2708 (81%) was detected by the majority of the labs. Although no ethnic information was provided, this cell was likely from a Caucasian donor. The B7Qui variant and the corresponding B*2708 sequence was originally described in Caucasian donors (2,3). This same B*27 subtype was typed in extracts 166, 249, 249, and 348, all from Caucasian donors.

The second B-locus allele present in this cell was B*4501 (48%).

The A-locus types were A*0202 (73%) and A*3201(61%). A*0202 was previously typed in extracts 16, 80 (Asian/Black), 172 (Black), and 291, as well as in cells 1070 (Hispanic), 1083 (Black), 1206 (Hispanic), and 1243 (Hispanic).

Cw*0602 and Cw*1601 were assigned by 64%.

Family studies determined that B2708 was found on the same haplotype as A32 and A26 (2). Therefore, the probable haplotypes in this cell were

A*3201-B*2708-Cw*0602 and A*0202-B*4501-Cw*1601.

Extract 380. This cell from an Hispanic donor was well typed as A*0101, A*0206, B*0801, B*1530, Cw*0102, Cw*0701. The donor was previously typed as extracts 174 (2001) and 361 (2006), as correctly identified by Ball, Barnardo, Brown, Cook, and Stamm. When typed in 2001, this cell was part of a family study, extracts 173 and 174 being the parents, and extract 175 being the offspring.

In this present retyping, B*1530 was typed by 77%, the same percent detection rate attained in the 2006 retyping. The offspring, extract 175, also had B*1530. Other cells with this B*15 subtype were extract 2, and cells 966 (Hispanic) and 1021 (Hispanic). The results for cells 966 and 1021 indicated that the serologic equivalent was a short B62.

The 2001 family study demonstrated the haplotypes to be A*0101-B*0801-Cw*0701 and A*0206-B*1530-Cw*0102. The B*1530-Cw*0102 association was present in all previous B*1530 exchange cells, as well as in the reference B*1530 cells, EFTO and GN00104.

Cell Exchange

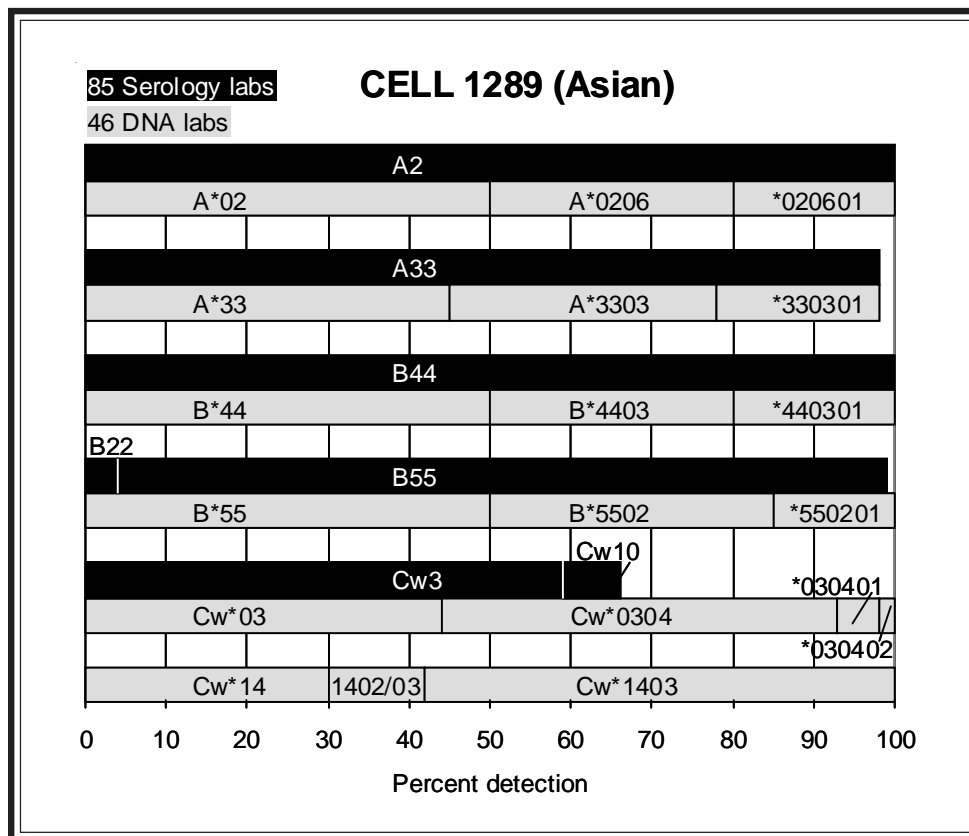
Cell 1289. This Asian donor was previously typed as cell 1249 (2005), as correctly identified by a numbers of labs.

B55 (95%) was detected by the majority, and was corroborated as B*5502 (50%) by half of the DNA labs. Furukawa and Satake assigned B*55.1 for this cell of Chinese and Japanese descent, and for cell 1291 from a Japanese donor. B*5502 was also typed in cell 1264 (Korean) in 2006 and in extract 258 (Asian) in 2003. Extract 258, also typed as 61 (1998) was APA, the reference for B*5502, as well as being a reference cell for A*240301 and B*1502.

A2 and A33 were well typed, typed as A*0206 (*020601) and A*3303 (*330301), respectively.

Cw3 (66%) was validated as Cw*0304 (56%). The other C-locus subtype was Cw*1403 (58%).

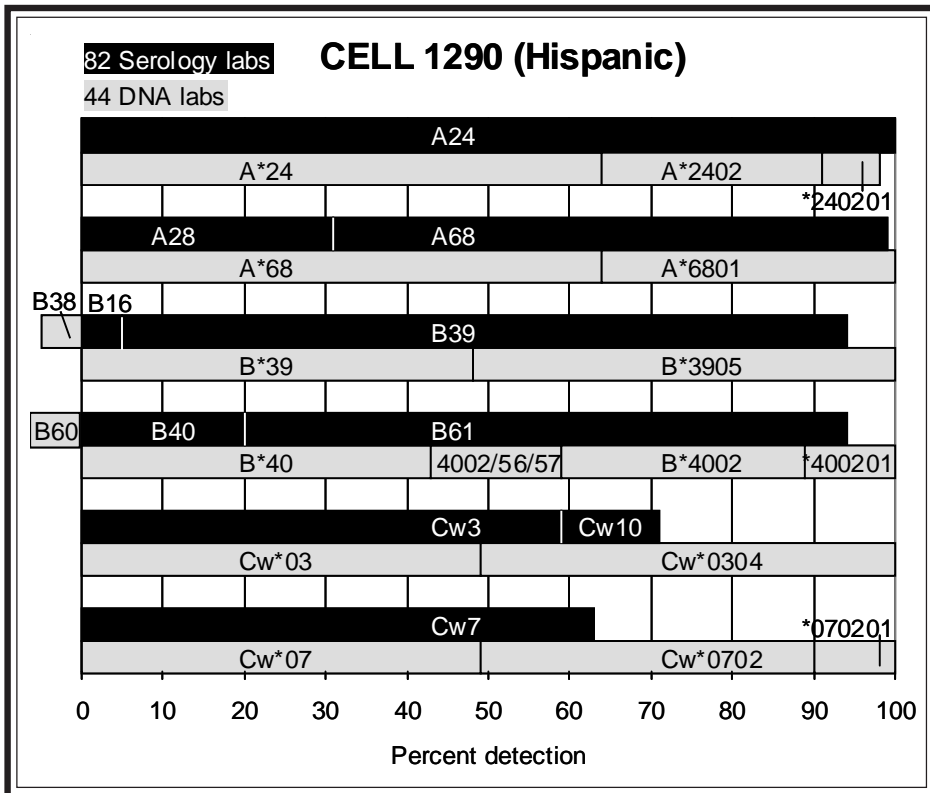
The likely associations in this cell may be A*3303-B*4403-Cw*1403, a commonly found haplotype in Asian populations (4), and A*0206-B*5502-Cw*0304.



Cell 1290. This cell from an Hispanic donor was previously typed as cells 1163 (2003) and 1215 (2004), as correctly identified by Brown, Cook, Dunckley, Israel, Lefor, Mah, McAlack, McCluskey, Stamm, and Tiercy. This donor was not the same as cell 1099, as noted by several labs.

In this present retyping, B39 was reported by 89%. Shorter than normal or inconsistent reactivity with anti-B39 sera was noted by Anthony Nolan Trust, Danilovs, Darke, Hahn, Holdsworth, and Keown. The presence of a B39 variant, most likely, B3905, was confirmed by DNA typing, with B*3905 assigned by 52%.

B61 was assigned by 74%, somewhat higher than the 68% level in 2004; however, the percent detection rate was still lower than those attained for other recently typed B61 cells, including 87% for cell 1240 (Hispanic), 85% for cell 1275 (Asian), and 95% for cell 1286 (Filipino). Ward observed reactivity with broad B60 and B61 antisera, noting either a B40 variant or a long B61 variant. The B40 assignments for this same donor over its 3 typings were summarized in the following:



	cell 1163 2003 127 labs	cell 1215 2004 118 labs	cell 1290 2007 82 labs
B61	79%	68%	74%
B60	13%	21%	7%
B40	10%	10%	20%

	54 labs	49 labs	44 labs
B*4002	41%	47%	41%
B*40	59%	51%	59%

A24 (100%) and A68 (68%) were confirmed as A*2402 (34%) and A*6801 (36%), respectively. In the 2004 retyping, Van den Berg-Loonen performed SBT of exon 1 to discriminate A*680102 from A*6811N.

Cw3 (71%) and Cw7 (63%) were validated as Cw*0304 and Cw*0702, assigned by 51%. B*3905-Cw*0702 and B*4002-Cw*0304 were the likely associations in this cell.

Cell 1291. This cell from a Japanese donor was previously typed as cells 1192 (2004) and 1233 (2005), as noted by numerous labs.

The same B55 (96%) variant, encoded by B*5502 (50%) as found in cell 1289, was also present in this cell. Cook, Danilovs, and Rubocki noted a short B55 variant.

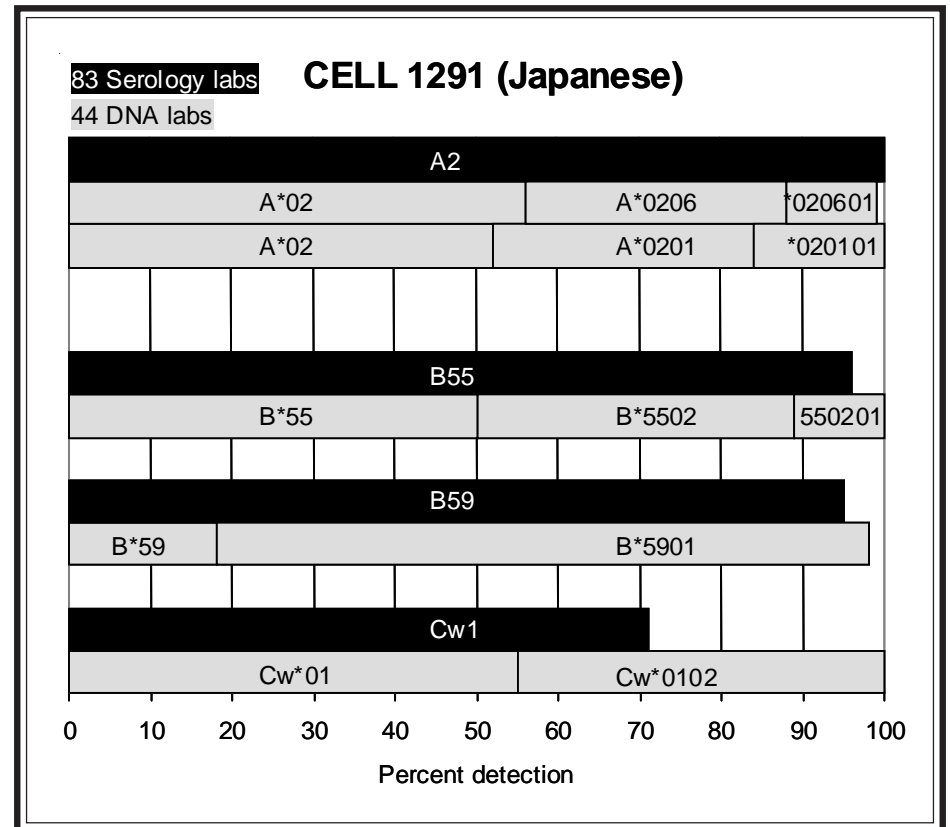
In this present retyping, B59 was detected by a high 95%. B*5901 (80%) was assigned by the majority of labs.

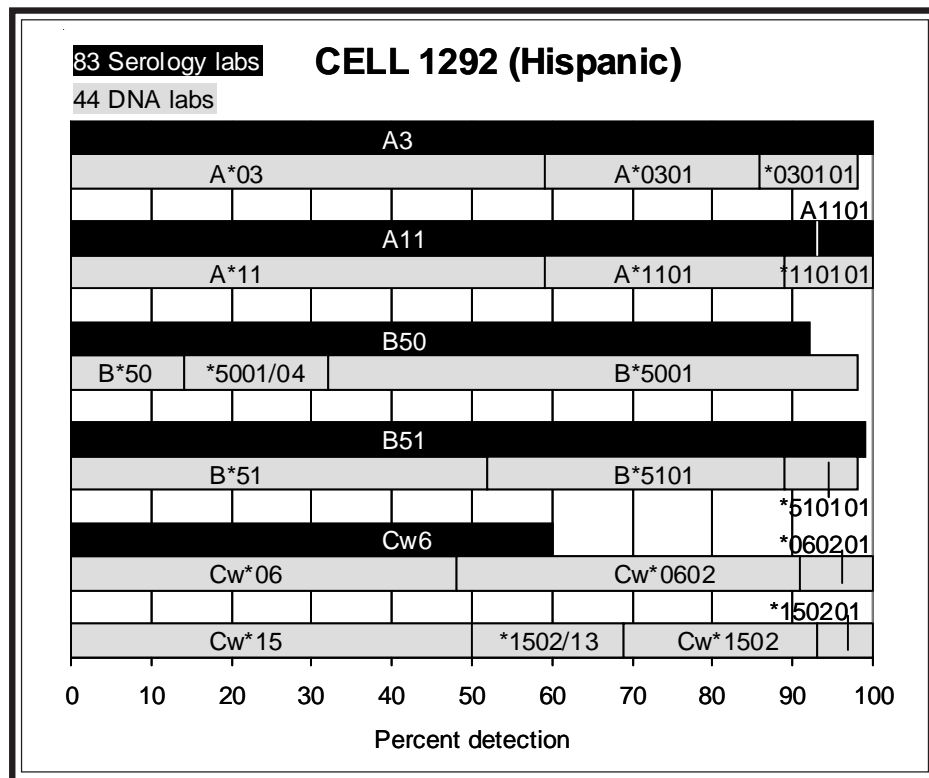
Two A2 (100%) subtypes, A*0201 (43%) and A*0206 (48%), were differentiated by molecular-based typing.

Cw1 (71%) was the sole C-locus type; Cw*0102 was reported by 45%.

The haplotypes of A*0206-B*5901-Cw*0102 and A*0201-B*5502-Cw*0102 were established in this donor from family studies in the Cell Exchange. The mother was previously typed as cells 1182 (2003) and 1245 (2005), and an aunt was typed as cell 1184 (2003).

It was interesting to note the different associations of the two B*5502 cells in this study; that is, B*5502-Cw*0304 in cell 1289, and B*5502-Cw*0102, commonly found in Asians, in this donor.





Cell 1292. This Hispanic cell was well typed as A3, A11, B50, B51, Cw6 and A*0301 (*030101), A*1101 (*110101), B*5001, B*5101, Cw*0602, Cw*1502.

The strong associations of B*5001-Cw*0602 and B*5101-Cw*1502 were present. B*5001-Cw*0602 was typed in previous exchange cells, including cells 937 (Cauc), 1031 (AsIndian), 1046 (Black), 1151 (Hispanic), 1220 (Hispanic), and 1223 (Black). B*5101-Cw*1502 was found in cells 961 (Hispanic), 996 (Cauc/Hisp), 1001 (Cauc), 1105 (Cauc), 1107 (Hispanic), 1122 (Japanese), and 1189 (Cauc).

References

1. Scott I, Dunn, PPJ, Day S, et al. A novel HLA allele, HLA-B*5113, identified in the Kolla Amerindians of North-West Argentina. *Tissue Antigens* 1996;53:194.
2. Fussell H, Thomas M, Street J, and Darke C. Serological identification of a new HLA-B7 variant antigen – HLA-B7QUI. *Eur J Immunogenet* 1994;21:23.
3. Hildebrand WH, Domena JD, Shen SY, et al. The HLA-B7Qui antigen is encoded by a subtype of HLA-B27 (B*2708). *Tissue Antigens* 1994;44:47.
4. 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.

NEXT MAILING DATE: April 11, 2007

Marie Lau, Min S. Park, J. Michael Cecka, and Elaine F. Reed

 * *
 * PARTICIPATING CENTERS *
 * *

NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY	NAME	CITY STATE/COUNTRY
(W.H.O. LABS)		Gladman/Pellett,	Toronto ON	Olerup,Olle	Saltsjobaden
		Graff,Dr Ralph J.	St Louis MO	Omar,Yousuf	Riyadh
Mayr,Prof W.R.	Vienna	Hahn PhD,Amy B.	Albany NY	Ozawa,Mikki	Los Angeles CA
		Hajeer,Dr Ali	Riyadh	Pahl,Dr Armin	Geesthact
Abbal,Prof M.	Toulouse Cedex	Han,Dr Hoon	Seoul	Paik MD,Young K.	Honolulu HI
Adams,Sharon	Bethesda MD	Harville MD,Terry O.	Little Rock AR	Pais,Dr Maria Luisa	Coimbra
Allegheny General Ho	Pittsburgh PA	Harville,Dr Terry	Little Rock AR	Pancoska PhD,Carol	Springfield NJ
Alonso,Antonio	Malaga	Henrico Doctors' Hos	Richmond VA	Park MD,Myoung Hee	Seoul
Alvarez & Carrett,	Montevideo	Hidajat,Melanny	Brugge	Partanen PhD,Jukka	Helsinki
Anthony Nolan Trust	London England	Hogan,Dr Patrick	Herstong QLD	Pereira,Noemi F.	Curitiba Paran
Balazs,Ivan	Stamford CT	Holdsworth,Rhonda	South Melbourn	Phelan,Donna	St Louis MO
Ball,Dr Edward	London ON	Hsu PhD,Susan H.	Philadelphia PA	Pollack PhD,Marilyn	San Antonio TX
Barnardo,Dr Martin	Oxford England	Hubbell,Charlene	Syracuse NY	Rajczy & Gyodi,Dr	Budapest
Blasczyk,Prof Rainer	Hannover	Hurley & Hartzma,Dr	Rockville MD	Reed PhD,Elaine F.	Los Angeles CA
Bow PhD,Laurine	Hartford CT	Ichikawa MD PhD,Yasu	Nishinomiya,Hy	Reed PhD,Elaine F.	Los Angeles CA
Brown,Dr Colin	London England	Israel,Dr Shoshana	Jerusalem	Reinke MD,Dennis	Bismarck ND
Bunce,Dr Mike	Bromboroug,Wir	Iwaki,Dr Yui	Loma Linda CA	Reinsmoen PhD,Nancy	Los Angeles CA
Burger,Joe	Columbia MO	Kamoun MD,Malek	Philadelphia PA	Richard,Lucie	Sainte-Foy QC
Cantwell,Linda	Parkville	Kato MD,Shunichi	Isehara,Kanaga	Rosen-Bronson PhD,Sa	Washington DC
Carrington & Martin,	Frederick MD	Keown MD,Paul	Vancouver BC	Rosenberg MD,J.C.	Ann Arbor MI
Cecka PhD,Michael	Los Angeles CA	Kim MD,Kyeong-Hee	Pusan	Rubocki PhD,Ronald	Scarborough ME
Chan MD,Prof Soh Ha	Singapore	Kim,Prof Tai-Gyu	Seoul	Sage,Dr Deborah	London England
Charlton PhD,Ronald	Jacksonville FL	Klein MD,Jon	Louisville KY	Satake MD,Masahiro	Tokyo
Charoenwongse MD,Pre	Bangkok	Klein,Dr Tirza	Petach Tikva	Sauer,Norbert	Lich
Charron,Prof D.	Paris Cedex 10	Kohara,Setsuko	Nagoya, Aichi	Schroeder MD,M.L.	Winnipeg MB
Chen,Dr Dongfeng	Durham NC	Kopko MD,Patricia	Sacramento CA	Scornik,Dr Juan C.	Gainesville FL
Chongkolwatana & Vej	Bangkok	Kotsch PhD,Katja	Berlin	Semana MD PhD,Gilber	Rennes
Choo MD,Yoon	Valhalla NY	Kramer,Dr Norman C.	Washington DC	Senitzer PhD,David	Duarte CA
Christiansen & Wit,	Perth - West A	KuKuruga PhD,Debra	Baltimore MD	Shainberg PhD,Bracha	Rehovot
Ciccia/Williams,	San Diego CA	Kusnierczyk, Piotr	Wroclaw	Smith MD PhD,D.M.	Dallas TX
Claas,Prof F.H.J.	Leiden	Kvam,Vonnett	Waukesha WI	Smith MD PhD,Douglas	Ann Arbor MI
Cohen & Sumyuen,	Reims	Kwon,So-Yong	Seoul	Snider PhD,Denis	Buffalo NY
Colombe PhD,Beth W.	Philadelphia PA	Land,Dr Geoffrey A.	Houston TX	Spannagl,Dr Michael	Munich
Cook PhD,Daniel J.	Cleveland OH	Lardy,Dr N.M.	Amsterdam	Stamm,Luz	Calgary AB
Costeas,Dr Paul A.	Nicosia	Lazda PhD,Velta A.	Elmhurst IL	Stavropoulos-Gi,Dr C	Athens
Crowe PhD,Deborah	Nashville TN	Lebeck PhD,Lauralynn	La Jolla CA	Steinberg,Karen	Canoga Park CA
Daniel PhD,Claude	Laval PQ	Lee MD,Wee Gyo	Suwon	Stewart,Dod	New Orleans LA
Daniel,Dr Dolly	Tamil Nadu	Lee PhD,Kyung Wha	Anyang,Kyungki	Suciu-Foca PhD,Nicol	New York NY
Danilovs PhD,John	Phoenix AZ	Lee,Dr Jar-How	Canoga Park CA	Sullivan PhD,Karen	New Orleans LA
Darke,Dr Christopher	Pontyclun Wale	Leech MD PhD,Stephen	Philadelphia PA	Tagliere,Jacque	Los Angeles CA
Davidson & Poulton,D	Manchester, En	Lefor PhD,W.M.	Tampa FL	Tavoularis,Dr Sofia	Ottawa ON
Davis PhD,Mary	Stamford CT	Lo MD,Raymundo W.	Quezon City	Tbakhhi,Dr Abdelghani	Riyadh
Dinauer,David	Brown Deer WI	Loewenthal MD PhD,Ro	Tel-Hashomer	Thoni MD,Deborah	Orlando FL
Dormoy,Dr Anne	Strasbourg	Lopez-Larrea PhD,Car	Oviedo	Tiercy,Dr Jean-Marie	Geneva 14
Du PhD,Keming	Shanghai	Lorber,M.	New Haven CT	Trachtenberg PhD,Eli	Oakland CA
Du Toit MD,Ernette	Cape Town	MacCann,Eileen	Providence RI	Trowsdale,Prof John	Cambridge
Dunckley PhD,Heather	Sydney NSW	Mah,Helen	Boston MA	Turner PhD,E.V.	Memphis TN
Dunk,Arthur	Lauderhill FL	Mani,Dr Rama	Chennai,Tamil	Uhrberg,Dr Markus	Dusseldorf
Dunn PhD,Paul	Auckland	Marcos,Cintia Y.	Buenos Aires	Vaidya PhD,Smita	Galveston TX
Dunn,Dr Dale	Lubbock TX	Marsh,Dr Steven	London England	Van Den Berg-Lo,Prof	Maastricht
Dupont MD,Bo	New York NY	Masuo,Kiyoe	Tokyo	Varnavidou-Nico,Dr A	Nicosia
Duquesnoy PhD,Rene	Pittsburgh PA	McAlack PhD,Robert	Philadelphia PA	Vidan-Jeras,Blanka	Ljubljana
Eckels PhD,David	San Francisco CA	McAlack-Balasub,	Philadelphia PA	Vilches,Dr Carlos	Madrid

Eckels PhD,David D.	Salt Lake City	UT	McCluskey,Prof James	Adelaide		Walter Reed Army Med	Washington	DC
Ellis PhD,Thomas	Milwaukee	WI	McIntyre PhD,John A.	Beech Grove	IN	Ward,Dr William	Hyattsville	MD
Esquenazi PhD,Violet	Miami	FL	Middleton,Prof Derek	Belfast		Wassmuth,Prof Ralf	Dresden	
Esteves-Kondo,Debra	Canoga Park	CA	Miller,Dr Joshua	Miami	FL	Watkins PhD,David I.	Madison	WI
Fernandez-Vina PhD,M	Houston	TX	Montague,Bridget	Leeds England		Wernet,Prof Peter	Dusseldorf	
Fotino MD,Marilena	New York	NY	Moore MD,S.Breannndan	Rochester	MN	Williams,Marj	Allentown	PA
Foxcroft,Z.K.	Johannesburg		Murad,Dr Shahnaz	Kuala Lumpur		Wisecarver PhD,James	Omaha	NE
Furukawa,Yoko	Yokohama,Kanag		Mytilineos MD,Joanni	Ulm		Yamamori PhD,Shunji	Tokyo	
Gardiner PhD,Clair M	Dublin		Nehlsen-Cannare,Dr S	Detroit	MI	Yu MD,Neng	Dedham	MA
Gautreaux,Dr Michael	Winston-Salem	NC	Noche,Olivia	Brown Deer	WI	Yu MD,Neng	Worcester	MA
Gideoni,Osnat	Haifa		Noreen,Harriet	Minneapolis	MN	Zachary PhD,Andrea	Baltimore	MD
Gillespie,Dr Kathlee	Bristol		Norin,Dr Allen	Brooklyn	NY			

INVESTIGATOR	DNA EXTRACT #377 (Hispanic)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
5488 Adams, Sharon	*0201	*2402	*180101/17N	*511301	*12	*15	SBT, SSP, RSSO
2300 Allegheny Ge	*02	*24	*18	*51	*12	*15	SSP
745 Anthony Nola	*0201	*2402	*1801	*511301	*120301	*150201	SSO, SSP, SEQ+
105 Ball, Edward	*0201/88N/94N/96/97	*2402/36N/63/66	*1801	*5113	*1203-05	*15	PCR-SSP
2020 Barnardo, Mar	*0201/42-97	*2402/15/20/25/66	*1801/03/04/06+	*511301	*1203/13	*1502/10/12-14+	SSP, SBT
4345 Blasczyk, Rai	*0201/01L/09/43N+	*2402/02L/09N+	*1801/17N	*5113	*1203/04/15	*1502/04/07/13	PCR-SBT
5106 Brown, Colin	*02	*24	*1801/03/05/08+	*5113	*1203/04/06/07+	*1502/04/07/09+	RVPCR-SSOP
785 Chan, Soh Ha	*02	*24	*1801/17N	*511301	*1204/05	*1502/03/12/13+	SBT
3224 Chen, Dongfen	*0201	*2402	*1801/17N	*5113	*1203	*1502	SBT, SSO
3966 Chongolwatan	*0201	*24	*1801	*51	*1203	*1502	PCR-SSP
16 Cook, Daniel	*0201	*240201	*1801/17N	*511301	*120301//*120402+	*150201//*1507+	RSSOP, SSP, SBT
3625 Darke, Christ	*02	*24	*18		*1203	*1502/14	PCR-SSP
1108 Davis, Mary	*0201	*2402	*1801	*5113	*1203	*1502	SSO, SSP
5891 Du, Keming	*0201/07/09N	*2402/09N	*1801/03/05	*5113			PCR-SSO
3186 Dunckley, Hea	*02	*24	*18	*51	*12	*15	SSP
3766 Dunn, Paul	*02	*24	*1801/05/17N	*5113	*12	*15	PCR-SSO, SSP
3428 Eckels, David	*02	*24	*1801/05/17N	*5113			SSOP
4251 Ellis, Thomas	*0201	*2402	*1801/17N	*5113	*1203	*1502/13	PCR-SSO, SEQ
762 Fischer&Mayr	*0201/09	*2402	*1801	*5113	*1203	*1502	SBTex1-3, RSSO
729 Fotino, Maril	*0201	*2402	*1801	*5113	*1203	*1502	SSP, SSO
1461 Hidajat, Mela	*0201	*2402	*1805	*5113	*1203	*1502	SSO, SSP
615 Holdsworth, R	*0201/09/43N/66/75+	*2402/09N/11N/40	*1801/17N	*5113	*1203//*1204//+	*1502/13//*1507+	SBT
2344 Hurley&Hartz	*02010101/0108/66+	*24020101/0213+	*1801/17N/0103	*511301	*120301	*150201/13	SBT, SSOP
3261 Iwaki, Yui	*02	*24	*18	*51	*12	*15	SSP
797 Kato, Shunich	*0201/12/36	*2402/03/13+	*1801/17N	*5113	*1203/04/15	*1502/04/07	SSO, SBT
5096 Kwon, So-Yong	*02	*24	*18	*51			RVSSOP
87 Land, Geoff	*0201	*2402	*1801	*5113	*1203	*1502	SBT, SSP
278 Lee, Jar-How	*0201/0102L/66/67+	*2402/58	*1801	*5113	*1203	*1502/13	SSP, RVSSOP
640 Lee, Kyung Wh	*0201	*2402/09N	*1801/14/17N	*5113	*1203	*1502	PCR-SBT
9916 McIntyre, Joh	*02010101	*24020101	*1801	*511301	*1203	*1502	SBT, SSP, SSO
8021 Montague, Bri	*02	*24	*1801-11/13/15+		*120301/0303/04+	*1502-06/08-17	PCR-SSP
5323 Murad, Shahna	*02	*24	*18	*51	*12	*15	PCR-SSP
5107 Noche, Olivia	*02010101-0112	*24020101-0210	*180101/0102	*511301/1302	*120301-0303	*150201-0203/14	SSP
8022 Olerup, Olle	*0201	*2402	*1801	*5113	*1203	*1502	SSP
8000 Pahl, Armin	*02	*24	*18	*51			SSO
3648 Pereira, Noem	*02	*24	*18	*51	*12	*15	PCR-SSP, RVSSO
2400 Phelan, Donna	*0201/31	*2402	*1801	*5113	*1203	*1502	RVSSO, SSP
3753 Reed, Elaine	*0201	*2402	*1801/17N	*5113	*1203/04/15	*1502/04/07/13	SBT, SSP
782 Richard, Luc	*02	*24	*18	*51	*12	*15	SSO, SSP
1694 Sauer, Norber	*02	*24	*18	*51	*12	*15	SSP
3545 Scornik, Juan	*0201	*2402	*1801/17N	*5113	*1203	*1502/13	SSOP, SBT
8042 Shainberg, Br	*0201	*2402	*1801	*5113	*1203	*1502	
5133 Smith, D.M.	*0201	*2402	*180101	*511301	*120301	*150201/13	
740 Snider, Denis	*0201	*2402	*1801	*5113	*1203	*1502	SSP
746 Stamm, Luz	*0201	*2402	*1801	*5113	*1203	*1502	RVSSOP, SSP
13 Tagliere, Jac	*0201	*2402	*1801	*5113	*1203	*1502	SSP
4021 Trachtenberg	*02	*24	*18	*51	*12	*15	RVSSOP, SSP
5462 Turner, E.V.	*0201	*2402	*1801	*5113	*1203	*1502	SSP
3135 Wernet, Peter	*0201/01L	*2402	*1801/17N	*5113	*1203	*1502	SSP, SBT, SSO

INVESTIGATOR		DNA EXTRACT #378						method
CTR	NAME	A1	A2	B1	B2	C1	C2	
5488	Adams, Sharon	*300101	*680101	*4202	*4405	*02	*17	SBT, SSP, RSSO
2300	Allegheny Ge	*30	*68	*42	*44	*02	*17	SSP
745	Anthony Nola	*3001	*680101	*4202	*4405	*0202	*1701	SSO, SSP, SEQ+
105	Ball, Edward	*3001	*6801/12/32/33/35	*4202	*4405	*02	*17	PCR-SSP
2020	Barnardo, Mar	*3001/08/14-16	*6801/06-33	*4202	*4405	*0202/04/08-11+	*1701-04	SSP, SBT
4345	Blasczyk, Rai	*3001	*6801	*4202	*4405	*0202	*1701-03	PCR-SBT
5106	Brown, Colin	*3001/14L/15	*6801/22/25	*4202	*4405	*0202/04/08/09	*1701-03	RVPCR-SSOP
785	Chan, Soh Ha	*3001	*6801	*4202	*4405	*0202	*1701-03	SBT
3224	Chen, Dongfen	*3001	*6801	*4202	*4405	*0202	*1701	SBT, SSO
3966	Chongolwatan	*3001	*68	*4201	*44	*0202	*1701	PCR-SSP
16	Cook, Daniel	*3001	*680101	*4202	*4405	*020202	*1701-03	RSSOP, SSP, SBT
3625	Darke, Christ	*3001/08/11	*68	*42	*4405	*0202/08/10	*1701-03	PCR-SSP
1108	Davis, Mary	*3001	*6801	*4202	*4405	*0202	*1701	SSO, SSP
5891	Du, Keming	*3001	*6801/22	*4202	*4402/19N			PCR-SSO
3186	Dunckley, Hea	*30	*68	*42	*44	*02		SSP
3766	Dunn, Paul	*3001/14L/15	*6801/22/25	*4202	*4405/14	*02	*17	PCR-SSO, SSP
3428	Eckels, David	*3001/14L/15	*6801/22/25	*4202	*4405/14			SSOP
4251	Ellis, Thomas	*3001	*6801	*4202	*4405	*0202	*1701-03	PCR-SSO, SEQ
762	Fischer&Mayr	*3001	*6801	*4202	*4405	*0202	*1701	SBTex1-3, RSSO
729	Fotino, Maril	*3001	*6801	*4202	*4405	*0202	*1701	SSP, SSO
1461	Hidajat, Mela	*3001	*6801	*4202	*4405	*0202	*1701	SSO, SSP
615	Holdsworth, R	*3001	*6801	*4202	*4405	*0202	*1701-03	SBT
2344	Hurley&Hartz	*300101/0102	*680101	*4202	*4405	*020202	*1701-03	SBT, SSOP
3261	Iwaki, Yui	*30	*68	*42	*44	*02	*02/*17	SSP
797	Kato, Shunich	*3001	*6801	*4202	*4405	*0202	*1701-03	SSO, SBT
5096	Kwon, So-Yong	*30	*68	*42	*44			RVSSOP
87	Land, Geoff	*3001	*6801	*4202	*4405	*0202	*1701	SBT, SSP
278	Lee, Jar-How	*3001/14L/15	*6801/22/25	*4202	*4405	*0202/09/11	*1701	SSP, RVSSOP
640	Lee, Kyung Wh	*3001	*6801	*4202	*4405	*0202	*1701/02	PCR-SBT
9916	McIntyre, Joh	*300101	*680101	*4202	*4405	*0202/08/13/15	*1701/04	SBT, SSP, SSO
8021	Montague, Bri	*3001-0202/08-10+	*6801/02/06/07+	*4201/02	*4405/14/42	*0202/04-14	*1701-04	PCR-SSP
5323	Murad, Shahna	*30	*68	*42	*44	*02	*17	PCR-SSP
5107	Noche, Olivia	*300101/0102	*680101-0104	*4202	*4405	*020201-0205/15	*1701	SSP
8022	Olerup, Olle	*3001	*6801	*4202	*4405	*0202	*1701	SSP
8000	Pahl, Armin	*30	*68	*42	*44			SSO
3648	Pereira, Noem	*30	*68	*42	*44	*02	*17	PCR-SSP, RVSSO
2400	Phelan, Donna	*3001	*6801	*4202	*4405/17	*0202/08	*1701	RVSSO, SSP
3753	Reed, Elaine	*3001	*6801	*4202	*4405	*0202	*1701	SBT, SSP
782	Richard, Luc	*30	*68	*42	*44	*02	*17	SSO, SSP
1694	Sauer, Norber	*30	*68	*42	*44	*02	*17	SSP
3545	Scornik, Juan	*3001	*680101	*4202	*4405	*020202	*1701-03	SSOP, SBT
8042	Shainberg, Br	*3001	*6801	*4202	*4405	*0202	*1701	
5133	Smith, D.M.	*300101	*680101	*4202	*4405	*0202	*1701-03	
740	Snider, Denis	*3001	*6801	*4202	*4405	*0202	*1701	SSP
746	Stamm, Luz	*3001	*6801	*4202	*4405	*0202	*1701	RVSSOP, SSP
13	Tagliere, Jac	*3001	*6801	*4202	*4405	*0202	*1701	SSP
4021	Trachtenberg	*30	*68	*4202	*4414/51	*02	*17	RVSSOP, SSP
5462	Turner, E.V.	*3001	*6801	*4202	*4405	*0202	*1701	SSP
3135	Wernet, Peter	*3001	*6801	*4202	*4405	*0202	*1701-03	SSP, SBT, SSO

INVESTIGATOR		DNA EXTRACT #379						
CTR	NAME	A1	A2	B1	B2	C1	C2	method
5488	Adams, Sharon	*0202	*3201	*2708	*4501	*0602/11	*1601/02	SBT, SSP, RSSO
2300	Allegheny Ge	NT						
745	Anthony Nola	*0202	*3201	*2708	*4501	*0602	*160101	SSO, SSP, SEQ+
105	Ball, Edward	*0202	*32	*2708	*45	*0602	*1601	PCR-SSP
2020	Barnardo, Mar	*0202/63	*3201/03/05/06+	*2708	*4501/07	*0602/07/10/12+	*1601	SSP, SBT
4345	Blasczyk, Rai	*0202	*3201	*2708	*4501/07	*0602	*1601	PCR-SBT
5106	Brown, Colin	*0202/47/63	*3201/05/08/09/11Q	*2708	*4501/07	*0602/07/10/11	*1601	RVPCR-SSOP
785	Chan, Soh Ha	*0202	*3201	*2708	*4501/07	*0602/08/11	*1601/02	SBT
3224	Chen, Dongfen	*0202	*3201	*2708	*4501	*0602	*1601	SBT, SSO
3966	Chongolwatan	*0202	*3201-03	*27	*4501	*0602	*1601	PCR-SSP
16	Cook, Daniel	*0202	*3201	*2708	*4501	*060201// *0611	*160101// *1602	RSSOP, SSP, SBT
3625	Darke, Christ	*02	*32	*2708	*45	*0602	*1601	PCR-SSP
1108	Davis, Mary	*0202	*3201	*2708	*4501	*0602	*1601	SSO, SSP
5891	Du, Keming	*0202	*3201/05/08	*2708	*4501/07			PCR-SSO
3186	Dunckley, Hea	*02	*32	*2708	*45	*06	*16	SSP
3766	Dunn, Paul	*0202	*32	*2708	*4501/03/07	*06	*1601/02/08	PCR-SSO, SSP
3428	Eckels, David	*0202	*32	*2708	*4501/03/07			SSOP
4251	Ellis, Thomas	*0202	*3201	*2708	*4501/07	*0602	*1601	PCR-SSO, SEQ
762	Fischer&Mayr	*0202	*3201	*2708	*4501	*0602	*1601	SBTex1-3, RSSO
729	Fotino, Maril	*0202	*3201	*2708	*4501	*0602	*1601	SSP, SSO
1461	Hidajat, Mela	*0202	*3201	*2708	*4501/07	*0602	*1601/08	SSO, SSP
615	Holdsworth, R	*0202	*3201	*2708	*4501/07	*0602	*1601	SBT
2344	Hurley&Hartz	*0202	*3201	*2708	*4501/07	*06020101/020102	*160101	SBT, SSOP
3261	Iwaki, Yui	*02		*27	*45	*06	*16	SSP
797	Kato, Shunich	*0202	*3201	*2708	*4501	*0602/11	*1601/02	SSO, SBT
5096	Kwon, So-Yong	*02	*32	*27	*45			RVSSOP
87	Land, Geoff	*0202	*3201	*2708	*4501	*0602	*1601	SBT, SSP
278	Lee, Jar-How	*0202	*3201/11Q	*2708	*4501/07	*0602	*1601/08	SSP, RVSSOP
640	Lee, Kyung Wh	*0202	*3201	*2708	*4501/07	*0602	*1601	PCR-SBT
9916	McIntyre, Joh	*0202	*3201	*2708	*4501	*0602/14	*1601/08	SBT, SSP, SSO
8021	Montague, Bri	*02	*3201/03/06/09-11Q	*2701/02/05/08+	*4501/03/05/07	*0602/03/07/09+	*1601/08	PCR-SSP
5323	Murad, Shahna	*02	*32	*27	*45	*06	*16	PCR-SSP
5107	Noche, Olivia	*0202	*3201	*2708	*4501	*06020101/020102	*160101/0102	SSP
8022	Olerup, Olle	*0202	*3201	*2708	*4501	*0602	*1601	SSP
8000	Pahl, Armin	*02	*32	*27	*45			SSO
3648	Pereira, Noem	*02	*32	*27	*45	*06	*16	PCR-SSP, RVSSO
2400	Phelan, Donna	*0202	*3201	*2708	*4501	*0602	*1601	RVSSO, SSP
3753	Reed, Elaine	*0202	*3201	*2708	*4501	*0602	*1601	SBT, SSP
782	Richard, Luc	*02	*32	*27	*45	*06	*16	SSO, SSP
1694	Sauer, Norber	*02	*32	*27	*45	*06	*16	SSP
3545	Scornik, Juan	*0202	*3201	*2708	*4501	*0602	*1601	SSOP, SBT
8042	Shainberg, Br	*0202	*3201	*2708	*4501	*0602	*1601	
5133	Smith, D.M.	*0202	*3201	*2708	*4501	*0602	*1601	
740	Snider, Denis	*0202	*3201	*2708	*4501	*0602	*1601	SSP
746	Stamm, Luz	*0202	*3201	*2708	*4501	*0602	*1601	RVSSOP, SSP
13	Tagliere, Jac	*0202	*3201	*2708	*4501	*0602	*1601	SSP
4021	Trachtenberg	*0202/47/63	*32	*2708	*4501/03/05/07	*06	*16	RVSSOP, SSP
5462	Turner, E.V.	*0202	*3201	*2708	*4501	*0602	*1601	SSP
3135	Wernet, Peter	*0202	*3201	*2708	*4501	*0602	*1601	SSP, SBT, SSO

INVESTIGATOR		DNA EXTRACT #380 (Hispanic)		B1	B2	C1	C2	method
CTR	NAME	A1	A2					
5488	Adams, Sharon	*010101	*020601	*080101	*1530	*0102	*0701/06/18	SBT, SSP, RSSO
2300	Allegheny Ge	NT						
745	Anthony Nola	*010101	*020601	*080101	*1530	*0102	*0701	SSO, SSP, SEQ+
105	Ball, Edward	*0101/04N/16N/18N	*0206/91	*0801/19N/29	*1530/58	*01	*0701	PCR-SSP
2020	Barnardo, Mar	*0101/04N	*020601	*0801/19N	*1530	*0102/03/06-08+	*0701/06/18/20+	SSP, SBT
4345	Blasczyk, Rai	*0101/01N/04N	*0206	*0801/19N	*1530	*0102	*0701/06/18	PCR-SBT
5106	Brown, Colin	*0101/04N/06/09+	*0206/10/21/28+	*0801/08N/18/19N+	*1530	*0102/06-08/11	*0701/05/06/16+	RVPCR-SSOP
785	Chan, Soh Ha	*0101/04N/15N	*0206	*0801/08N/19N	*1530	*0102/10/11	*0701/06/18	SBT
3224	Chen, Dongfen	*0101	*0206	*0801	*1530	*0102	*0701/06/18	SBT, SSO
3966	Chongolwatan	*0101/04N	*0206	*0801/08N	*1530	*0102	*0701/06	PCR-SSP
16	Cook, Daniel	*010101/04N	*020601	*080101	*1530	*010201	*070101/18	RSSOP, SSP, SBT
3625	Darke, Christ	*01	*0206/72	*08	*1530/63/92	*0102	*0701/20/24	PCR-SSP
1108	Davis, Mary	*0101	*0206	*0801	*1530	*0102	*0701	SSO, SSP
5891	Du, Keming	*0101/04N/06	*0206/10/21/28	*0801/08N	*1530			PCR-SSO
3186	Dunckley, Hea	*01	*02	*08	*1530/45/63/77	*12	*15	SSP
3766	Dunn, Paul	*01	*0206/10/21/28+	*08	*1530	*0102/07/11	*07	PCR-SSO, SSP
3428	Eckels, David	*01	*0206/10/21/28+	*08	*1530			SSOP
4251	Ellis, Thomas	*0101/04N	*0206	*0801	*1530	*0102	*0701/06/18	PCR-SSO, SEQ
762	Fischer&Mayr	*0101	*0206	*0801	*1530	*0102	*0701/06	SBTex1-3, RSSO
729	Fotino, Maril	*0101	*0206	*0801	*1530	*0102	*0701	SSP, SSO
1461	Hidajat, Mela	*0101	*0206	*0801	*1530	*0102	*0701	SSO, SSP
615	Holdsworth, R	*0101/01N/04N	*0206	*0801/19N	*1530	*0102	*0701/06/18	SBT
2344	Hurley&Hartz	*01010101/010102N+	*020601	*080101/19N	*1530	*010201/0202	*070101/0102+	SBT, SSOP
3261	Iwaki, Yui	*01	*02	*08	*15(B62)	*01	*07	SSP
797	Kato, Shunich	*0101	*0206	*0801	*1530	*0102	*0701/06/18	SSO, SBT
5096	Kwon, So-Yong	*01	*02	*08	*15			RVSSOP
87	Land, Geoff	*0101	*0206	*0801	*1530	*0102	*0701	SBT, SSP
278	Lee, Jar-How	*0101/02N/11N/16N	*0206/72	*0801/22/24	*1530	*0102/11	*0701/21/24	SSP, RVSSOP
640	Lee, Kyung Wh	*0101/04N	*0206	*0801/08N/19N	*1530	*0102	*0701/06	PCR-SBT
9916	McIntyre, Joh	*01010101	*020601	*080101	*1530	*0102/13	*0701	SBT, SSP, SSO
8021	Montague, Bri	*0101/02/04N/06/09+	*02	*0801/06-08N/10+	*1508/11/15/28+	*0102/03/06-11	*0701/06/07/09+	PCR-SSP
5323	Murad, Shahna	*01	*02	*08	*15	*01	*07	PCR-SSP
5107	Noche, Olivia	*01010101/0102/0103	*020601-0603	*080101/0103	*1530	*010201-0204	*070101-0104+	SSP
8022	Olerup, Olle	*0101	*0206	*0801	*1530	*0102	*0701	SSP
8000	Pahl, Armin	*01	*02	*08	*15			SSO
3648	Pereira, Noem	*01	*02	*08	*15	*01	*07	PCR-SSP, RVSSO
2400	Phelan, Donna	*0101	*0206	*0801	*1530	*0102	*0701	RVSSO, SSP
3753	Reed, Elaine	*0101	*0206	*0801	*1530	*0102	*0701	SBT, SSP
782	Richard, Luc	*01	*02	*08	*15	*01	*07	SSO, SSP
1694	Sauer, Norber	*01	*02	*08	*15	*01	*07	SSP
3545	Scornik, Juan	*0101	*0206	*0801	*1530	*0102	*0701/06/18	SSOP, SBT
8042	Shainberg, Br	*0101	*0206	*0801	*1530	*0102	*0701	
5133	Smith, D.M.	*0101	*020601	*080101	*1530	*0102	*0701/06/18	
740	Snider, Denis	*0101	*0206	*0801	*1530	*0102	*0701	SSP
746	Stamm, Luz	*0101	*0206	*0801	*1530	*0102	*0701	RVSSOP, SSP
13	Tagliere, Jac	*0101	*0206	*0801	*1530	*0102	*0701	SSP
4021	Trachtenberg	*01	*02	*08	*1530	*01	*07	RVSSOP, SSP
5462	Turner, E.V.	*0101	*0206	*0801	*1530	*0102	*0701	SSP
3135	Wernet, Peter	*0101/01N	*0206	*0801	*1530	*0102	*0701/06/18	SSP, SBT, SSO

SUMMARY

<p>Extract 377 (Hispanic) <u>49 labs</u></p> <p>A*02 53%</p> <p>A*0201 45%</p> <p>A*02010101 2%</p> <p>A*02 100% TOTAL</p> <p>A*24 53%</p> <p>A*2402 43%</p> <p>A*240201 2%</p> <p>A*24020101 2%</p> <p>A*24 100% TOTAL</p> <p><u>49 labs</u></p> <p>B*18 37%</p> <p>B*1801/17N 22%</p> <p>B*180101/17N 2%</p> <p>B*1801 35%</p> <p>B*180101 2%</p> <p>B*1805 2%</p> <p>B*18 100% TOTAL</p> <p>B*51 23%</p> <p>B*5113 57%</p> <p>B*511301 16%</p> <p>B*51 96% TOTAL</p> <p><u>45 labs</u></p> <p>Cw*12 44%</p> <p>Cw*1203 49%</p> <p>Cw*120301 7%</p> <p>Cw*12 100% TOTAL</p> <p>Cw*15 49%</p> <p>Cw*1502/13 7%</p> <p>Cw*150201/13 4%</p> <p>Cw*1502 38%</p> <p>Cw*150201 2%</p> <p>Cw*15 100% TOTAL</p>	<p>Extract 378 <u>49 labs</u></p> <p>A*30 27%</p> <p>A*3001/14L/15 8%</p> <p>A*3001 59%</p> <p>A*300101 6%</p> <p>A*30 100% TOTAL</p> <p>A*68 31%</p> <p>A*6801/22/25 8%</p> <p>A*6801/22 2%</p> <p>A*6801 45%</p> <p>A*680101 14%</p> <p>A*68 100% TOTAL</p> <p><u>49 labs</u></p> <p>B*42 22%</p> <p>B*4201 2%</p> <p>B*4202 76%</p> <p>B*42 100% TOTAL</p> <p>B*44 33%</p> <p>B*4405 67%</p> <p>B*44 100% TOTAL</p> <p><u>45 labs</u></p> <p>Cw*02 42%</p> <p>Cw*0202 51%</p> <p>Cw*020202 7%</p> <p>Cw*02 100% TOTAL</p> <p>Cw*17 56%</p> <p>Cw*1701 40%</p> <p>Cw*17 96% TOTAL</p>	<p>Extract 379 <u>48 labs</u></p> <p>A*02 27%</p> <p>A*0202 73%</p> <p>A*02 100% TOTAL</p> <p>A*32 37%</p> <p>A*3201 61%</p> <p>A*32 98% TOTAL</p> <p><u>48 labs</u></p> <p>B*27 19%</p> <p>B*2708 81%</p> <p>B*27 100% TOTAL</p> <p>B*45 29%</p> <p>B*4501/07 23%</p> <p>B*4501 48%</p> <p>B*45 100% TOTAL</p> <p><u>44 labs</u></p> <p>Cw*06 36%</p> <p>Cw*0602 59%</p> <p>Cw*060201 5%</p> <p>Cw*06 100% TOTAL</p> <p>Cw*16 18%</p> <p>Cw*1601/02/08 2%</p> <p>Cw*1601/02 7%</p> <p>Cw*1601/08 9%</p> <p>Cw*1601 59%</p> <p>Cw*160101 5%</p> <p>Cw*16 100% TOTAL</p>	<p>Extract 380 (Hispanic) <u>48 labs</u></p> <p>A*01 38%</p> <p>A*0101/04N 17%</p> <p>A*0101 37%</p> <p>A*010101 6%</p> <p>A*01010101 2%</p> <p>A*01 100% TOTAL</p> <p>A*02 35%</p> <p>A*0206 50%</p> <p>A*020601 15%</p> <p>A*02 100% TOTAL</p> <p><u>48 labs</u></p> <p>B*08 33%</p> <p>B*0801/08N/19N 4%</p> <p>B*0801/08N 4%</p> <p>B*0801/19N 8%</p> <p>B*0801 40%</p> <p>B*080101 11%</p> <p>B*08 100% TOTAL</p> <p>B*15 23%</p> <p>B*1530 77%</p> <p>B*15 100% TOTAL</p> <p><u>44 labs</u></p> <p>Cw*01 32%</p> <p>Cw*0102 64%</p> <p>Cw*010201 2%</p> <p>Cw*01 98% TOTAL</p> <p>Cw*07 30%</p> <p>Cw*0701/06/18 25%</p> <p>Cw*0701/06 7%</p> <p>Cw*070101/18 2%</p> <p>Cw*0701 34%</p> <p>Cw*07 98% TOTAL</p>
--	--	--	---

INVESTIGATOR	CELL NO.1289 (Chinese/Japanese)							
CTR	NAME	A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*020601	*330301	*440301	*550201	*0304	*1403	SSO, SSP, SBT+
2020	Barnardo, Mar	*020601	*330301	*440301	*550201	*0304	*1403	SSP, SBT
5106	Brown, Colin	*0206/10/21/28+	*3301/03-06	*4403/07/26/29+	*5501/02/05/12/15+	*0304/05/08-10	*1402/03	RVPCR-SSOP
5232	Charlton, Ron	*0206	*3303	*4403	*5502	*0304	*1403	SSP
4492	Charron, D.	*02	*33	*44	*55			PCR-SSO
798	Claas, F.H.J.	*0206	*3303	*4403	*5502	*0304	*1403	SBT, RLB
3632	Colombe, Beth	*0206	*3303	*4403	*5502	*0304	*1403	SSP
16	Cook, Daniel	*020601	*330301	*440301	*550201	*030401	*1403	RSSOP, SSP, SBT
5130	Costeas, Paul	*0206	*3303	*44	*5502	*0304	*1402/03	SSP
779	Daniel, Claud	*02	*3301/0301-08	*44	*55	*03	*140203/03/08	PCR-SSP
3625	Darke, Christ	*0206/41/72	*33	*4403	*55	*0304	*140203/03	PCR-SSP
4269	Dormoy, Anne	*020601	*330301	*440301	*5502	*030401	*1403	PCR-SSP, SBT
3186	Dunckley, Hea	*02	*33	*44	*55	*0304-06/08-10+	*14	SSP
3766	Dunn, Paul	*02	*33	*44	*55	*03	*1403	SSO
856	Dupont, Bo	*0206/10/21/28/41	*3303/01/04-07	*4403/07/13/26+	*5501/02/05/11/12	*0304-06/10	*1403	RVSSO
5214	Eckels, David	*02	*33	*44	*55	*03	*1403	SSOP
4251	Ellis, Thomas	*0206	*3303	*4403	*5502	*0304	*1403	PCR-SSO, SEQ
762	Fischer&Mayr	*0206	*3303	*4403	*5502	*0304	*1403	RSSO, SSP, SBT
729	Fotino, Maril	*0206	*3303	*4403	*5502	*0304	*1402/03	SSP, SSO
8043	Gideoni, Osna	*0206	*3303	*4403	*5502	*0304	*1403	SSOP, SSP
3808	Hogan, Patric	*02	*3301/03-07	*44	*55	*0302/04-06/09+	*1402-04/06-08	SSP
771	Israel, Shosh	*0206	*3303	*4403	*5502	*0304	*1403	
859	Kamoun, Malek	*0206	*3303	*4403	*5502	*0304	*1403	PCR-SSO, SSP
4337	Kim, Tai-Gyu	*0206	*3303	*4403	*5502	*0304	*1403	SBT
168	Klein, Tirza	*0206	*3303	*4403	*5502	*0304	*1403	PCR-SSP, SSOP
278	Lee, Jar-How	*0206/72	*3303	*4403/36/38/39	*5502/16/19	*030402	*1403	SSP, RVSSOP
759	Lefor, W.M.	*0206/10/21/28+	*33	*4403/26/35/36+	*5502/12/16/19	*0304/06/09/19	*1402-04	RVSSOP
731	Loewenthal, R	*020601	*330301	*440301	*550201	*0304	*1403	
8029	Mani, Rama	*0201	*3301	*4402	*5502			PCR-SSP
792	Moore, S. Brea	*02	*33	*44	*55	*(Cw10)	*14	PCR-SSO
733	Mytilineos, J	*02	*33	*44	*55	*03	*14	SSO
774	Paik, Young	*0206/72	*33	*44	*5502/07/12/13/16+	*0304/06/08/09	*1402/03/05+	SSP
8001	Pancoska, Car	*02	*33	*44	*55	*0302/04-06/09+	*14	RVSSOP, SSP
4336	Park, Myoung	*02	*33	*44	*55	*03	*1402/03	RVSSO
4689	Rajczyk&Gyodi							PCR-SSO
5200	Reinke, Dennis	*02	*33	*44	*55	*03(Cw10)	*14	SSP
1160	Rosen-Bronso	*02	*33	*44	*55	*03	*14	RVSSO
793	Rubocki, Ron	*02	*33	*44	*55	*03	*14	PCR-SSP
4948	Sage, Deborah	*0206	*3303	*4403	*5501-03/05/10/15	*0304	*1403	
4744	Satake, Masah	*020601	*330301	*440301	*5502			SBT
769	Tavoularis, S	*0206/72/91	*3303	*4403/36/38/39	*5502/12/16/19	*0304/23/24	*1403	RVSSO, SSP
747	Tiercy, Jean-	*020601	*330301	*440301	*550201	*0304	*1403	SBT, SSO, SSP
5462	Turner, E.V.	*0206	*6901	*4403	*5502	*0304	*1403	SSP
5451	Van den Berg-	*020601	*330301	*440301	*550201	*0304	*1403	SBT
5642	Varnavidou-N	*02	*33	*44	*55	*03	*14	PCR-SSP, SSO
705	Watkins, Davi	*02010101+	*3301/0301-08	*44020101+	*550101+	*030401+	*140203/03/08	
1466	Yu, Neng	*020601	*330301	*440301	*550201	*0304	*1403	PCR-SSOP, SBT

INVESTIGATOR	CELL NO.1290 (Hispanic)		B1	B2	C1	C2	method
CTR NAME	A1	A2					
745 Anthony Nola	*2402	*6801	*3905	*4002	*0304	*070201	SSO, SSP, SBT+
2020 Barnardo, Mar	*2402/40N	*6801/11N	*3905	*4002/56	*0304	*070201	SSP, SBT
5106 Brown, Colin	*24	*68	*3901/03/05/18+	*4002/11/35/37/40+	*0302/04/05/08+	*0702/10/17+	RVPCR-SSOP
5232 Charlton, Ron	*2402	*6801	*3905	*4002/27	*0304	*0702	SSP
4492 Charron, D.	*24	*68	*39	*40			PCR-SSO
798 Claas, F.H.J.	*24020101	*6801	*3905	*4002	*0304	*0702	SBT, RLB
3632 Colombe, Beth	*2402	*6801	*3905	*4002	*0304	*0702	SSP
16 Cook, Daniel	*240201	*680102/11N/33	*3905	*400201	*030401// *0335	*070201// *0710	RSSOP, SSP, SBT
5130 Costeas, Paul	*2402	*6801	*3905	*4002	*0304	*0702	SSP
779 Daniel, Claud	*24	*68	*39	*40 (B61)	*03	*07	PCR-SSP
3625 Darke, Christ	NT						
4269 Dormoy, Anne	NT						PCR-SSP, SBT
3186 Dunckley, Hea	*24	*68	*39	*4002/04/06/11/14+	*0304-06/08-10+	*07	SSP
3766 Dunn, Paul	*24	*68	*39	*40	*03	*0702/10	SSO
856 Dupont, Bo	*24	*68	*3901/03/05/11+	*4002/27/29/35/37	*0304-06/10	*0702/10/17	RVSSO
5214 Eckels, David	*24	*68	*39	*40 (B61)	*03	*07	SSOP
4251 Ellis, Thomas	*2402	*6801/11N	*3905	*4002	*0304	*0702	PCR-SSO, SEQ
762 Fischer&Mayr	*2402	*6801	*3905	*4002	*0304	*0702	RSSO, SSP, SBT
729 Fotino, Maril	*2402	*6801	*3905	*4002	*0304	*0702	SSP, SSO
8043 Gideoni, Osna	*2402	*6801	*3905	*4002	*0304	*0702	SSOP, SSP
3808 Hogan, Patric	*24	*68	*39	*4002/04/06/11/19+	*0302/04-06/09+	*0702/03/10+	SSP
771 Israel, Shosh	*2402	*6801	*3905	*4002	*0304	*0702	
859 Kamoun, Malek	*2402	*6801	*3905	*4002	*0304	*0702	PCR-SSO, SSP
4337 Kim, Tai-Gyu	*2402/09N	*6801	*3905	*4002	*0304	*0702	SBT
168 Klein, Tirza	*2402	*6801	*3905	*4002	*0304	*0702	PCR-SSP, SSOP
278 Lee, Jar-How	*2402/58	*6801/21	*3905	*4002/56/57	*0304	*0702	SSP, RVSSOP
759 Lefor, W.M.	*2402/06/07/15+	*6801/03/07/09+	*3901/05/26/27/31	*4002/35/37/40/50+	*0302/04-06/09+	*0702/10	RVSSOP
731 Loewenthal, R	*240201/06	*680102/09/11N	*3905	*400201	*0304	*070201	
8029 Mani, Rama	*0217	*6801	*3901	*4002			PCR-SSP
792 Moore, S. Brea	*24	*68	*39	*(B61)	*(Cw10)	*07	PCR-SSO
733 Mytilineos, J	*24	*68	*39	*40	*03	*07	SSO
774 Paik, Young	*24	*68	*39	*4002/56/57	*0302/04-10	*07	SSP
8001 Pancoska, Car	*24	*68	*39	*4002/56/57	*0302/04-06/09+	*07	RVSSOP, SSP
4336 Park, Myoung	*24	*68	*39	*40	*03	*07	RVSSO
4689 Rajczyk&Gyodi							PCR-SSO
5200 Reinke, Dennis	*24	*68	*39	*40 (B61)	*03 (Cw10)	*07	SSP
1160 Rosen-Bronso	*24	*68	*39	*40	*03	*07	RVSSO
793 Rubocki, Ron	*24	*68	*39	*40 (B61)	*03	*07	PCR-SSP
4948 Sage, Deborah	*2402/06/07	*6801/03/09/11N	*3905	*4002/56	*0304	*0702	
4744 Satake, Masah	*240201/07	*680102/0301	*3905	*400201			SBT
769 Tavoularis, S	*2402/35-38/40N+	*6801/21/32/33	*3905	*4002/56/57	*0304/23/24	*0702/38/39	RVSSO, SSP
747 Tiercy, Jean-	*2402	*6801	*3905	*400201	*0304	*0702	SBT, SSO, SSP
5462 Turner, E.V.	*24	*6801	*3905	*40	*0304	*0702	SSP
5451 Van den Berg-	*240201	*680102	*3905	*400201	*0304	*070201	SBT
5642 Varnavidou-N	*24	*68	*39	*40	*03	*07	PCR-SSP, SSO
705 Watkins, Davi	*24020101+/44	*680101+/05/15/20	*39010101+/20	*400201+/09+	*030201+/0401+	*07020101+/10	
1466 Yu, Neng	*2402/09N/11N/40N	*680102/11N/33	*3901	*400201/56	*0304	*0702	PCR-SSOP, SBT

INVESTIGATOR	CELL NO.1291 (Japanese)	B1	B2	C1	C2	method
CTR NAME	A1 A2					
745 Anthony Nola	*0201 *020601	*550201	*5901	*0102		SSO, SSP, SBT+
2020 Barnardo, Mar	*0201/09/43N/66+ *020601	*5502	*5901	*0102		SSP, SBT
5106 Brown, Colin	*0201 *0206	*5501/02/05/12+	*5901	*0102/06-08/11		RVPCR-SSOP
5232 Charlton, Ron	*0201 *0206	*5502	*5901	*0102	*0102	SSP
4492 Charron, D.	*0201/43/94/96/97 *0206/85/91	*5502	*5901	*0102/12		PCR-SSP
798 Claas, F.H.J.	*0201 *0206	*5502	*5901	*0102		SBT, RLB
3632 Colombe, Beth	*0201 *0206	*5502/12	*5901	*0102		SSP
16 Cook, Daniel	*020101 *020601	*550201	*5901	*010201		RSSOP, SSP, SBT
5130 Costeas, Paul	*0201 *0206	*5502	*5901	*0102	*0102	SSP
779 Daniel, Claud	*02 *020601	*55	*5901	*010201-03/05-08/10-13		PCR-SSP
3625 Darke, Christ	*02 *0206	*55	*5901// *5115	*0102/05		PCR-SSP
4269 Dormoy, Anne	NT					PCR-SSP, SBT
3186 Dunckley, Hea	*02 *02	*55	*59	*01		SSP
3766 Dunn, Paul	*02 *02	*55	*5901	*01		SSO
856 Dupont, Bo	*02 *0206/10/21/28/41	*5501/02/05/11/12	*5901	*0102/06-08		RVSSO
5214 Eckels, David	*02 *02	*55	*59	*01		SSOP
4251 Ellis, Thomas	*0201 *0206	*5502	*5901	*0102	*0102	PCR-SSO, SEQ
762 Fischer&Mayr	*0201/09 *0206	*5502	*5901	*0102		RSSO, SSP, SBT
729 Fotino, Maril	*0201 *0206	*5502	*5901	*0102/12		SSP, SSO
8043 Gideoni, Osna	*0201 *0206	*5502	*5901	*0102		SSOP, SSP
3808 Hogan, Patric	*02 *0206	*55	*5901	*0102-04/06-11/13		SSP
771 Israel, Shosh	*0201 *0206	*5502	*5901	*0102		
859 Kamoun, Malek	*0201 *0206	*5502	*5901	*0102		PCR-SSO, SSP
4337 Kim, Tai-Gyu	*0201 *0206	*5502	*5901	*0102		SBT
168 Klein, Tirza	*0201 *0206	*5502	*5901	*0102		PCR-SSP, SSOP
278 Lee, Jar-How	*0201/0102L/66+ *0206/72/79/84	*5502/16/19	*5901	*0102/11		SSP, RVSSOP
759 Lefor, W.M.	*0201/01L/04/07+ *0206/10/21/28+	*5502/12/16/19	*5901	*0102/07/08/11		RVSSOP
731 Loewenthal, R	*020101 *020601	*550201	*5901	*0102		
8029 Mani, Rama	*02010101 *02010102L	*5502	*5901			PCR-SSP
792 Moore, S. Brea	*02 *02	*55	*59	*01		PCR-SSO
733 Mytilineos, J	*02 *02	*55	*5901	*01		SSO
774 Paik, Young	*02 *02	*55	*5901	*01		SSP
8001 Pancoska, Car	*02 *02	*55	*59	*01		RVSSOP, SSP
4336 Park, Myoung	*02 *02	*55	*5901	*01		RVSSO
4689 Rajczyk&Gyodi						PCR-SSO
5200 Reinke, Dennis	*02 *02	*55	*59	*01		SSP
1160 Rosen-Bronso	*02 *02	*55	*59	*01		RVSSO
793 Rubocki, Ron	*02 *02	*55	*59	*01		PCR-SSP
4948 Sage, Deborah	*0201/06 *0206/74	*5502	*5901	*0102		
4744 Satake, Masah	*020101 *020601	*5502	*5901			SBT
769 Tavoularis, S	*0201/01L/66-68+ *0206/72/79/84/91	*5502/12/16/19	*5901	*0102/11		RVSSO, SSP
747 Tiercy, Jean-	NT					
5462 Turner, E.V.	*0201 *0206	*5502	*5901	*0102		SSP
5451 Van den Berg-	*020101 *020601	*550201	*5901	*0102		SBT
5642 Varnavidou-N	*02 *02	*55	*59	*01		PCR-SSP, SSO
705 Watkins, Davi	*02010101+ *0206/10/21/28+	*550101+/09/22/14	*5901	*010201-03/05/08/10-13		
1466 Yu, Neng	*0201/09/43N/66+ *020601	*550201	*5901	*0102		PCR-SSOP, SBT

INVESTIGATOR	CELL NO.1292 (Hispanic)							
CTR	NAME	A1	A2	B1	B2	C1	C2	method
745	Anthony Nola	*030101	*110101	*5001	*5101	*060201	*150201	SSO, SSP, SBT+
2020	Barnardo, Mar	*0301/20/21N	*1101/21N	*5001	*5101/11/30/32	*0602	*1502/13	SSP, SBT
5106	Brown, Colin	*03	*11	*5001/04	*51	*0602/07/10	*1502/11/13/14	RVPCR-SSOP
5232	Charlton, Ron	*0301	*1101	*5001	*5101	*0602	*1502	SSP
4492	Charron, D.	*0301/09/23/25	*1101/07/13/22	*5001	*5101/18/41/43	*0602	*1502/13	PCR-SSP
798	Claas, F.H.J.	*0301	*1101	*5001	*5101	*0602	*1502	SBT, RLB
3632	Colombe, Beth	*0301	*1101	*5001	*5101	*0602	*1502	SSP
16	Cook, Daniel	*030101	*110101	*5001	*510101	*060201	*150201	RSSOP, SSP, SBT
5130	Costeas, Paul	*0301	*1101	*5001	*5101	*0602	*1502/12	SSP
779	Daniel, Claud	*03	*11	*5001/04	*51	*06	*15	PCR-SSP
3625	Darke, Christ	*03	*11	*5001/04	*51	*0602	*1502/14	PCR-SSP
4269	Dormoy, Anne	NT						PCR-SSP, SBT
3186	Dunckley, Hea	*03	*11	*50	*51	*06	*15	SSP
3766	Dunn, Paul	*03	*11	*5001	*51	*06	*15	SSO
856	Dupont, Bo	*0301/03/04/06+	*1101/03/05/07+	*50/*49	*51/*78	*0602/07	*1502/11	RVSSO
5214	Eckels, David	*03	*11	*5001	*51	*06	*15	SSOP
4251	Ellis, Thomas	*0301	*1101	*5001	*5101	*0602	*1502/13	PCR-SSO, SEQ
762	Fischer&Mayr	*0301	*1101	*5001	*5101/11N	*0602	*1502	RSSO, SSP, SBT
729	Fotino, Maril	*0301	*1101	*5001	*5101	*0602	*1502	SSP, SSO
8043	Gideoni, Osna	*0301	*1101	*5001	*5101	*0602	*1502/13	SSOP, SSP
3808	Hogan, Patric	*03	*11	*5001/04	*51	*0602/03/07/10+	*1502/03/05/10+	SSP
771	Israel, Shosh	*0301	*1101	*5001	*5101	*0602	*1502	
859	Kamoun, Malek	*0301	*1101	*5001	*5101	*0602	*1502	PCR-SSO, SSP
4337	Kim, Tai-Gyu	*0301/03N	*1101	*5001	*5101	*0602	*1502	SBT
168	Klein, Tirza	*0301	*1101	*5001	*5101	*0602	*1502	PCR-SSP, SSOP
278	Lee, Jar-How	*0301/13-17/20-22	*1101/15N	*5001	*5101	*0602/10/12/13	*1502/13	SSP, RVSSOP
759	Lefor, W.M.	*0301/04/13-17+	*1101-03/05/07+	*5001	*5101/03/18/28/30+	*0602/10/12/13	*1502/13/14	RVSSOP
731	Loewenthal, R	*030101	*110101	*5001	*510101	*060201	*150201/13	
8029	Mani, Rama	*0201	*1125	*5001	*5101			PCR-SSP
792	Moore, S. Brea	*03	*11	*50	*51	*06	*15	PCR-SSO
733	Mytilineos, J	*03	*11	*5001	*51	*06	*15	SSO
774	Paik, Young	*03	*11	*5001/04	*51	*06	*15	SSP
8001	Pancoska, Car	*03	*11	*5001	*51	*06	*15	RVSSOP, SSP
4336	Park, Myoung	*03	*11	*5001/04	*51	*0602/07/10	*1502/11/13/14	RVSSO
4689	Rajczyk&Gyodi							PCR-SSO
5200	Reinke, Dennis	*03	*11	*50	*51	*06	*15	SSP
1160	Rosen-Bronso	*03	*11	*50	*51	*06	*15	RVSSO
793	Rubocki, Ron	*03	*11	*50	*51	*06	*15	PCR-SSP
4948	Sage, Deborah	*0301/04-06	*1101/09	*5001/04	*5101/11N/30/32	*0602	*1502/13	
4744	Satake, Masah	*030101	*110101	*5001	*510101			SBT
769	Tavoularis, S	*0301/13-17/20+	*1101/21N/22	*5001	*5101	*0602/10/12/13	*1502/13/14	RVSSO, SSP
747	Tiercy, Jean-	NT						
5462	Turner, E.V.	*0301	*1101	*5001	*5101	*0602	*1502	SSP
5451	Van den Berg-	*030101	*110101	*5001	*510101	*060201	*150201	SBT
5642	Varnavidou-N	*03	*11	*50	*51	*06	*15	PCR-SSP, SSO
705	Watkins, Davi	*03010101+/02/10+	*110101+/06/26	*5001/04	*510101+	*0602+	*150201+/07/08	
1466	Yu, Neng	*0301/20/21N/26	*110101/21N	*5001	*5101/11N/30/32	*0602	*150201/13	PCR-SSOP, SBT

Cell 1289 (Chinese/Japanese)
46 labs

A*02	48%
A*0201	2%
A*0206	30%
A*020601	20%
A*02	100% TOTAL
A*33	43%
A*3301	2%
A*3303	33%
A*330301	20%
A*33	98% TOTAL

Cell 1290 (Hispanic)
44 labs

A*24	64%
A*2402	27%
A*240201	5%
A*24020101	2%
A*24	98% TOTAL
A*68	64%
A*6801	34%
A*680102	2%
A*68	100% TOTAL

Cell 1291 (Japanese)
44 labs

A*02	57%
A*0201	32%
A*020101	9%
A*02010101	2%
A*02	100% TOTAL
A*02	50%
A*02010102L	2%
A*0206	32%
A*020601	16%
A*02	100% TOTAL

Cell 1292 (Hispanic)
44 labs

A*03	59%
A*0301	27%
A*030101	12%
A*03	98% TOTAL
A*11	57%
A*1101	30%
A*110101	11%
A*1125	2%
A*11	100% TOTAL

46 labs

B*44	48%
B*4402	2%
B*4403	30%
B*440301	20%
B*44	100% TOTAL
B*55	50%
B*5502	35%
B*550201	15%
B*55	100% TOTAL

44 labs

B*39	43%
B*3901	5%
B*3905	52%
B*39	100% TOTAL
B*40	43%
B*4002/56/57	9%
B*4002/56	7%
B*4002	30%
B*400201	11%
B*40	100% TOTAL

44 labs

B*55	50%
B*5502	39%
B*550201	11%
B*55	100% TOTAL
B*59	18%
B*5901	80%
B*59	98% TOTAL

44 labs

B*50	14%
B*5001/04	18%
B*5001	66%
B*50	98% TOTAL
B*51	52%
B*5101	37%
B*510101	9%
B*51	98% TOTAL

43 labs

Cw*03	44%
Cw*0304	49%
Cw*030401	5%
Cw*030402	2%
Cw*03	100% TOTAL
Cw*14	30%
Cw*1402/03	9%
Cw*140203/03	3%
Cw*1403	58%
Cw*14	100% TOTAL

41 labs

Cw*03	49%
Cw*0304	51%
Cw*03	100% TOTAL
Cw*07	49%
Cw*0702	41%
Cw*070201	10%
Cw*07	100% TOTAL

42 labs

Cw*01	55%
Cw*0102	43%
Cw*010201	2%
Cw*01	100% TOTAL

42 labs

Cw*06	48%
Cw*0602	43%
Cw*060201	9%
Cw*06	100% TOTAL
Cw*15	50%
Cw*1502/13	14%
Cw*150201/13	5%
Cw*1502	24%
Cw*150201	7%
Cw*15	100% TOTAL

INTERNATIONAL CELL EXCHANGE

		***** CELL NO.1289 *****						***** CELL NO.1290 *****						***** CELL NO.1291 *****						***** CELL NO.1292 *****									
		(ASIA)						(HISP)						(JAPN)						(HISP)									
INVESTIGATOR	DAYS	A	A	B	B	C	B	B	A	A	B	B	C	C	B	A	A	B	B	C	B	B	A	A	B	B	C	B	B
NAME	OLD	%	3	4	5	3	4	6	%	4	8	9	1	3	7	6	%	5	9	1	4	6	%	1	0	1	6	4	6
							OTHERS							OTHERS							OTHERS						OTHERS		
Abbal, M. Pro	6	98	+	+	+	+	+	+	98	+	+	+	+	+		95	+	+	+	+		90	+	+	+	+	+		
Alvarez, Carr	3	100	+	+	+	+	+	+	100	+	+	+	+	+	+	100	+	+	+	+	+	100	+	+	+	+	+		
Anthony Nola	3	100	+	+	+	+			100	+	+	+	+			98	+	+	+			100	+	+	+	+			
Bow, Laurine	3	99	+	+	+	+	+	+	99	+28	+	+				95	+	+	+	+		99	+	+	+	+	+		
Burger, Joe	2	99	+	+	+	+	+	+	99	+	+	+	+	+	+	99	+	+	+	+	+	99	+	+	+	+	+		
Chan MD, Soh	4	95	+	+	+	+	+	+	95	+	+	+	+	+	+	95	+	+	+	+	+	95	+	+	+	+	+		
Charoenwongs	6	76	+	+	+	+	+	+								73	+	+	+	+	+	78	+	+	+	+	+		
Charron, D. P	3	98	+	+	+	+			98	+	+1640					98	+	+				98	+	+	+				
Chongkolwata	6	90	+	+	+	+	+	+	90	+28	+	+				90	+	+	+	+		90	+01	+	+	+	+		
Choo, Yoon MD	2	99	+	+	+	+	+	+	99	+	+	+	+	+	+	99	+	+	+	+	+	99	+	+	+	+	+		
Ciccio/Willi	6	99	+	+	+	+	+	+	99	+	+	+	+10	+	+	99	+	+	+	+	+	99	+	+	+	+	+		
Claas, F.H.J.	6	90	+	+	+	+	+	+	90	+	+	+	+	+	+	90	+	+	+	+	+	90	+	+	+	+	+		
Cook, Daniel	2	98	+	+	+	+	+	+	98	+	+	+	+	+	+	98	+	+	+	+	+	98	+	+	+	+	+		
Danilovs, Joh	2	98	+	+	+	+	+	+	98	+28	+	+	+	+	+	98	+	+	+	+	+	98	+	+	+	+	+		
Darke, Christ	6	80	+	+	+	+	+	+	80	+	+	+	+	+	+	80	+	+	+	+	+	80	+	+	+	+	+		
Du Toit, Erne	13	80	+	+	+		+	+	80	+	+				80	+	+				80	+	+	+	+	+			
Dunckley, Hea	8	99	+	+	+22		+	+	99	+	+	+	+	+		99	+	22		+	+	NT							
Dunk, Arthur	3	98	+	+	+	+	+	+	98	+28	+	+	+	+	+	98	+	+	+	+	+	98	+	+	+	+	+		
Dunn, Paul Ph	7	95	+	+	+	+	+	+	95	+	+	+	+	+	+	95	+	+	+	+	+	95	+	+	+	+	+		
Eckels, David	3	99	+	+	+	+	+	+	99	+	+	+	+	+	+	99	+	+	+	+	+	99	+	+	+	+	+		
Eckels, David	2	98	+	+	+	+	+	+	98	+	+	+	+	+	+	98	+	+	+	+	+	98	+	+	+	+	+		
Fotino, Maril	2	90	+	+	+	+	+	+	90	+	+	+	+	+	+	90	+	+	+	+	+	90	+	+	+	+	+		
Foxcroft, Z.K	6	90	+	+	+	+	+	+	90	+28	+	+				90	+	+	+	+		90	+	+	+	+	+		
Furukawa, Yok	7	94	+	+	+	+10	+	+	92	+	+	+	+10	+	+	90	+	+	+	+	+	94	+.1	+	+	+	+		
Gideon, Osna	6	90	+	+	+	+	+	+	100	+28	+40	+	+			100	+	+	+	+		100	+	+	+	+	+		
Graff, Ralph	3	95	+	+	+	+	+	+	99	+	+	+	+	+	+	99	+	+	+	+	+	99	+	+	+	+	+		
Hahn, Amy B.	16	90	+	+	+	+	+	+	99	+	+	+40	+	+		95	+	+	+	+	+	85	+	+	+	+	+		
Hajeer, Ali D	11	80	+	+	+	+	+	+	80	+	+	+	+	+	+	80	+	+	+	+	+	80	+	+	+	+	+		
Harville, Ter	2	95	+	+	+	+	+	+	95	+	+	+	+	+	+	95	+	+	+	+	+	95	+	+	+	+	+		
Harville, Ter	2	95	+	+	+	+	+	+	95	+	+1640	+	+	+		95	+	+	+	+	+	95	+	+	+	+	+		
Henrico Doct	7	95	+	+	+	+	+	+	95	+	+	+	+	+	+	90	+	+	+	+	+	98	+	+	+	+	+		
Hogan, Patric	10	90	+	+	+	+	+	+	90	+	+	+	+	+	+	90	+	+	+	+	+	90	+	+	+	+	11.2		
Holdsworth, R	7	90	+	+	+	+	+	+	90	+	+	+	+	+	+	90	+	+	+	+	+	90	+	+	+B5	+	+		
Hubbell, Char	2	95	+	+	+	+	+	+	95	+	+	+	+	+	+	90	+	+	+	+	+	95	+	+	+	+	+		
Ichikawa MD,	8	???	+	+	+	+	+	+	???	+	+	+	+10	+	+	???	+	+	+	+	+	???	+.1	+	+	+	B71		
Israel, Shosh	6	95	+	+	+	+	+	+	95	+	+	+	+	+	+	95	+	+	+	+	+	95	+	+	+	+	+		
Keown, Paul M	2	97	+	+	+	+	+	+	97	+	+	+40	+	+		97	+	+	+	+	+	97	+	+	+	+	+		
Kim, Kyeong-H	6	95	+	+	+	+	+	+	95	+	+	+	+	+	+	95	+	+	+	+	+	90	+	+21	+	+	+		
Klein, Jon MD	2	98	+	+	+	+	+	+	98	+	+	+	+	+	+	98	+	+	+	+	+	98	+	+	+	+	+		
Klein, Tirza	5	90	+	+	+	+	+	+	90	+	+	+	+	+	+	90	+	+	+	+	+	90	+	+	+	+	+		
Kohara, Setsu	8	98	+	+	+	+	+	+	98	+28	+	+10	+			98	+	+	+	+	+	98	+	+	+	+	B70		
Kopko, Patric	2	96	+	+	+	+	+	+	97	+28	+	+	+	+	+	98	+	+	+	+	+	97	+	+	+	+	+		
Kramer, Norma	2	90	+	+	+	+	+	+	90	+	+	+40	+	+	+	90	+	+	+	+	+	90	+	+	+	+	+		
Kvam, Vonnett	3	97	+	+	+	+	+	+	97	+28	+	+	+	+	+	90	+	+	+	+	+	97	+	+	+	+	+		
Lardy, N.M. D	7	100	+	+	+	+	+	+	100	+28	+				100	+	+	+	+	+	100	+	+	+	+	+			
Lazda, Velta	3	97	+	+	+	+10	+	+	97	+	+	+	+10	+		97	+	+	+	+	+	97	+	+	+	+	+		
Lebeck, Laura	2	98	+	+	+	+	+	+	98	+28	+40	+	+	+		98	+	+	+	+	+	98	+	+	+	+	+		
Lee, Wee Gyo	6	90	+	+	+	+	+	+	90	+	+	+	+	+	+	90	+	+	+	+	+	90	+	+	+	+	B49, CX15		
Leech MD, Ste	3	99	+	+	+22	+	+	+	99	+28	+40	+	+	+		99	+	+	+	+	+	99	+	+	+	+	+		
Lefor, W.M. P	2	99	+	+	+	+	+	+	99	+	+	+40	+	+	+	99	+	+	+	+	+	99	+	+	+	+	+		

INTERNATIONAL CELL EXCHANGE

	*****	CELL NO.1289	*****	CELL NO.1290	*****	CELL NO.1291	*****	CELL NO.1292	*****
	V		V		V		V		V
INVESTIGATOR	I	(ASIA)	I	(HISP)	I	(JAPN)	I	(HISP)	
	A A A B B C	B B	A A A B B C C B		A A	B B C B B	A A A B B C	B B	
DAYS	B 2 3 4 5 W	W W	B 2 6 3 6 W W W		B 2	5 5 W W W	B 3 1 5 5 W	W W	
NAME	OLD	% 3 4 5 3	4 6 OTHERS	% 4 8 9 1 3 7 6	OTHERS	% 5 9 1 4 6	OTHERS	% 1 0 1 6	4 6 OTHERS

Lo,Raymundo	1	98	+	+	+	+	+	+	98	+	+	+	+	98	+0121	+	+	+
Loewenthal M	6	95	+	+	+	+	+	+	95	+	+	+	+	95	+	+	+	+
Lorber,M.	2	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
MacCann,Eile	2	95	+	+	+	+	+	+	95	+	+	+	+	95	+	+	+	+
Mah,Helen	3	98	+	+	+	+	+	+	98	+	+	+	+	98	+	+	+	+
McAlack,Robe	3	98	+	+	+	+	+	+	97	+	+	+	+	97	+	+	+	+
McAlack-Bala	3	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
McCluskey,Ja	14	95	+	+	+	+	+	+	95	+	+	+	+	95	+	+	+	+
Murad,Shahna	10	97	+	+	+	+	+	+	C	NT				98	+	+	+	+
Noche,Olivia	3	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Paik,Young K	2	95	+	+	+	+10	+	+	95	+	+	+	+10	95	+	+	+	+
Pais,Maria L	9	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Park,Myoung	7	85	+	+	+	+	+	+	79	+	+	+	+	71	+	+	+	+
Phelan,Donna	3	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Pollack,Mari	2	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Rosen-Bronso	2	90	+	+	+	+	+	+	90	+	+	+	+	90	+	+	+	+
Rosenberg,J.	2	99	+	+	+	+10	+	+	99	+	+	+	+10	99	+	+	+	+
Rubocki,Rona	3	92	+	+	+	+	+	+	98	+	+	+	+	95	+	+	+	+
Satake,Masah	6	99	+	+	+	+10	+	+	98	+	+	+	+10	99	+	+	+	+
Sauer,Norber	8	70	+	+	+	+	+	+	80	+	+	+	+	70	+	+	+	+
Semana MD,Gi	10	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Smith MD,D.M	8	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Stamm,Luz	6	90	+	+	+	+W9	+	+	90	+	+	+	+10	90	+	+	+	+
Steinberg,Ka	2	96	+	+	+	+10	+	+	96	+	+	+	+10	96	+	+	+	+
Tagliere,Jac	1	100	+	+	+	+	+	+	100	+	+	+	+	100	+	+	+	+
Tbakhi,Abdel	19	85	+	+	+	+	+	+	NT					85	+	+	+	+
Tiercy,Jean-	6	90	+	+	+	+	+	+	90	+	+	+	+	NT				
Van Den Berg	7	90	+	+	+	+	+	+	90	+	+	+	+	90	+	+	+	+
Varnavidou-N	6	???	+	+	+	+	+	+	???	+	+	+	+	???	+	+	+	+
Vidan-Jeras,	7	90	+	+	+	+	+	+	90	+	+	+	+	90	+	+	+	+
Walter Reed	3	98	+	+	+	+	+	+	98	+	+	+	+	98	+	+	+	+
Ward,William	3	95	+	+	+	+	+	+	95	+	+	+	+	95	+	+	+	+
Watkins,Davi	3	95	+	+	+22	+	+	+	95	+	+	+	+	99	+	+	+	+
Wernet,Peter	6	99	+	+	+	+	+	+	99	+	+	+	+	99	+	+	+	+
Williams,Mar	6	95	+	+	+	+	+	+	95	+	+	+	+	95	+	+	+	+
Wisecarver,J	7	98	+	+	+	+	+	+	98	+	+	+	+	98	+	+	+	+

 * *
 * SUMMARY TABLE *
 * *

(ASIA)
 **** CELL 1289 ****
 (86 SAMPLES TYPED)

A2 100.0%
 (100.0%)

 A33 97.7%
 (97.7%)

 B44 100.0%
 (100.0%)

 B55 95.3%
 B22 3.5%
 (98.8%)

 CW3 58.1%
 CW9 1.2%
 CW10 7.0%
 (66.3%)

 BW4 94.2%

 BW6 94.2%

(OTHERS FOUND)
 CX14 8.1%
 CW1 4.7%
 CW7 2.3%
 55.1 2.3%
 CW9 1.2%
 A34 1.2%
 CW5 1.2%
 B54 1.2%
 B55V 1.2%

(HISP)
 **** CELL 1290 ****
 (83 SAMPLES TYPED)

A24 100.0%
 (100.0%)

 A68 67.5%
 A28 31.3%
 (98.8%)

 B39 89.2%
 B16 4.8%
 (94.0%)

 B61 74.7%
 B40 19.3%
 (94.0%)

 CW3 57.8%
 CW9 1.2%
 CW10 12.0%
 (71.1%)

 CW7 63.9%

 BW6 94.0%

(OTHERS FOUND)
 B60 7.2%
 B38 4.8%
 3905 2.4%
 A69 1.2%
 BW4 1.2%
 B39S 1.2%
 B61 1.2%
 CW6 1.2%
 B67 1.2%

(JAPN)
 **** CELL 1291 ****
 (84 SAMPLES TYPED)

A2 100.0%
 (100.0%)

 B55 96.4%
 B22 1.2%
 (97.6%)

 B59 95.2%

 CW1 71.4%

 BW4 90.5%

 BW6 94.0%

 55.1 2.4%
 CX17 2.4%
 B54 1.2%
 CW3 1.2%
 B38 1.2%
 CW8 1.2%
 B56 1.2%
 A28 1.2%
 B67 1.2%
 B55V 1.2%

(OTHERS FOUND)
 55.1 2.4%
 CX17 2.4%
 B54 1.2%
 CW3 1.2%
 B38 1.2%
 CW8 1.2%
 B56 1.2%
 A28 1.2%
 B67 1.2%
 B55V 1.2%

(HISP)
 **** CELL 1292 ****
 (84 SAMPLES TYPED)

A3 100.0%

 A11 92.9%
 11.1 3.6%
 1101 3.6%
 (100.0%)

 B50 91.7%
 B21 2.4%
 (94.0%)

 B51 98.8%
 B5 1.2%
 (100.0%)

 CW6 60.7%

 BW4 94.0%

 BW6 92.9%

(OTHERS FOUND)
 CX15 3.6%
 B49 2.4%
 B71 1.2%
 11.2 1.2%
 B70 1.2%
 CW5 1.2%
 B51V 1.2%

*** 86 LABORATORIES REPLIED ***

***** NEXT SHIPMENT: 04/11/2007 *****