

REPORT OF THE 14TH UCLA INTERNATIONAL KIR EXCHANGE

FEBRUARY 6, 2008

KIR

53-56

Dear Colleagues:

We wish to congratulate all the participating labs for completion of the 2007 International KIR Exchange. For your records, a certificate is enclosed to document your participation. Congratulations!

For the 14th KIR Exchange, 4 DNA samples (KDNA#53-56) were shipped to each laboratory on August 8, 2007. Fifty-one laboratories submitted their KIR typing results. The majority of the laboratories used the commercial or in-house developed sequence-specific primer (SSP) based PCR typing systems, and the remaining laboratories used either a sequence-specific oligonucleotide probing (SSOP) method, or a multiplexed SSP method, or the MALDI-TOF/SNP assay. The majority of the laboratories performed subtyping for 2DL5, 2DS4, and 3DP1.

The results for the 14th KIR Exchange are summarized in Table 1 and individual laboratory results reported for each DNA sample are provided in Tables 2-5. All four DNA samples were reported with discrepant results for at least four KIR loci. Particularly, the KIR2DL3 was reported with different results for all four DNA samples. KIR2DS1 was reported with dissimilar results for three DNA's and 2DS5 was reported with dissimilar results for two DNA samples. Of the sixteen KIR genes typed, only six genes (2DL1, 2DL4, 3DL2, 2DS2, 2DS3

and 3DP1) were reported with identical results (positive or negative) by all participating laboratories. The rest of the ten KIR genes, including a ubiquitously existing framework component 3DL3, were reported with inconsistent results. Discrepant results from the consensus typing are italicized in the listing of results (Tables 2-5), and described in the summation for each sample. Discrepancies at the allele level are not italicized. We encourage the participating laboratories to resolve the discrepancies so that the information can be shared to develop reliable KIR typing systems.

We thank for your active participation in this program. We wish a happy and prosperous new year to you.

Best regards,

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KIR Exchange Sample: KDNA # 0053:

The DNA was isolated from an Hispanic donor. The consensus KIR type of this sample is: 2DL1-2DL3-2DL4-2DL5A-3DL1-3DL2-3DL3-3DS1-2DS1-2DS4-2DS5-2DP1-3DP1. This is one of the most common genotypes identified in human populations studied to date (Yawata et al, 2002, Critical Rev Immunol 22:463).

However, seven laboratories reported results that were different from the consensus results of the following genes: KIR2DL3, 2DL5A, 3DL1, 3DS1, 2DS1, 2DS4 and 2DP1.

KIR Exchange Sample: KDNA # 0054:

The ethnic origin of this sample donor is unknown. The consensus KIR type of this sample is: 2DL1-2DL2-2DL4-3DL1-3DL2-3DL3-2DS2-2DS4-2DP1-3DP1.

This is a rare genotype reported only in Trinidad Asians at low frequency (Norman et al, 2002, Henes Immun 3:86-95). Two laboratories reported this DNA carrying the KIR2DL3 gene and another laboratory reported it as positive for KIR2DS1. Two other laboratories reported it as negative for either 3DL3 or 2DP1.

KIR Exchange Sample: KDNA # 0055:

KDNA#55 was obtained from a Black individual. The consensus KIR type of this sample is: 2DL1-2DL2-2DL3-2DL4-3DL1-3DL2-3DL3-2DS2-2DS4-2DP1-3DP1. This KIR genotype occurs commonly in Caucasian populations with a frequency of 10-15% (Yawata et al, 2002, Critical Rev Immunol 22:463). This DNA was typed by one laboratory as positive for 2DL5, by another laboratory as positive for 2DS5. Also, one laboratory typed it as negative for 2DL2 and by another as negative for 2DL3.

KIR Exchange Sample: KDNA # 0056:

This DNA sample was derived from a Caucasian individual. The consensus KIR type of this sample is: 2DL1-2DL2-2DL4-2DL5B-3DL1-3DL2-3DL3-2DS2-2DS3-2DS4-2DP1-3DP1. This is an infrequent genotype found in all populations with a frequency of 1-4% (Yawata et al, 2002, Critical Rev Immunol 22:463). Five laboratories reported it as positive for KIR3DS1, three laboratories reported it as positive for KIR2DL3, two laboratories reported it as positive for KIR2DS1 and another laboratory reported it as positive for the 2DS5 gene.

Table 1. Summary of the 14th KIR Exchange (KDNA#53-56)

KIR Ex.	DNA	# reporting labs	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1
#14	#0053	49	POS *001, *003 [1]	NEG	POS *001, - [1] <i>NEG [1]</i>	POS NT [2]	POS A [8] A*001/*005 [5] A*001 [2] A*001/ *003/ *004 [1] A*001, B*006 [1] VAR [1]	POS *005, - [1] *020 [1] <i>NEG [1]</i>	POS *009, + [1]	POS NT [1]	POS NEG [1]	POS *002*004 [2] <i>NEG [1]</i>	NEG	NEG	POS *001/*002 [20] *001 [7] FULL [2] *001, *002 [1] <i>NEG [1]</i>	POS	POS <i>NEG [1]</i> NT [3]	POS *003 [23] NT [3]
	#0054	51	POS *004 [1] *004*006, - [1] *004/*007/ *010 [1]	POS *001*003, *005 [2]	NEG <i>POS [2]</i>	POS *00102, *00202 [1] *00102/ *00103, *00202/ *00801/ *009 [1] *00102, + [1]	NEG	POS *002 [1] *001,*002 [1] *002/*006- *008/ *015/ *017/ *018/ *020, *005 [1]	POS *002, *011 [1]	POS <i>NEG [1]</i> NT [1]	NEG	NEG <i>POS [1]</i>	POS *005 [1]	NEG	POS *001/*002, *003*007 [6] *001/*002, *003*006 [3] *001, DEL [2] *001, *003/*004/*006/ *007 [2] FULL, DEL [2] *001, *003*007 [1] *001*003 [1] *001*006 [1] *001*007 [1] *003+ [1]	NEG	POS <i>NEG [1]</i> NT [3]	POS *001/*002/ *004, *003 [9] *003 [3] *001*004 [2] *001*002, *003 [1] NT [3]
	#0055	50	POS *003, - [1]	POS *001*003, *005 [2] <i>NEG [1]</i>	POS *001, - [1] <i>NEG [1]</i>	POS *00102, *005 [1] *00102/ *00103/ *00105, *005/ *011 [1] NT[2]	NEG <i>POS [1]</i>	POS *005, *020 [1] *002/ *006- *008/ *015/ *017/ *018/ *020, - [1] *004*006/ *019, + [1]	POS *001,*009 [1] *009, + [1]	POS NT [1]	NEG	NEG	POS	NEG	POS *001/*002, *003*007 [6] *001, DEL [2] *001, *003/*004/*006/ *007 [2] FULL, DEL [2] *001/*002, *003*006 [2] *001, *003*007 [1] *001/*002, *003 [1] *001/*002, *003/ *006 [1] *001*006 [1] *001*007 [1] *003+ [1]	NEG <i>POS [1]</i>	POS NT [3]	POS *001/*002/ *004, *003 [9] *001*004 [2] *003 [2] *001*002, *003 [1] *002*004 [1] NT [3]
	#0056	50	POS *004 [1] *004/*007/ *010 [1] *004*006, - [1]	POS *001*003, *005 [2]	NEG <i>POS [3]</i>	POS *00202, *005 [1] *00202/ *00801/ *009, *005/ *011 [1] NT [2]	POS B [12] B*002 *004/ *007 [4] B*002 [2] B*002/*004 [1] B*002/*005 [1] B*002*004 [1] B*002*007 [1] A*005, B*002 [1] A/B [1]	POS *001, *009 [1] *004*006/ *019 [1] *002/*006- *008/ *015/ *017/ *018/ *020, - [1]	POS *001 [1]	POS NT [1]	NEG <i>POS [5]</i>	NEG <i>POS [2]</i>	POS	POS	POS *003*007 [12] *003/*004/*006/ *007 [7] DEL [5] *003*006 [4] *003*006 [2] *003/*006/ *007 [1] *003+ [1]	NEG <i>POS [1]</i>	POS NT [3]	POS *003 [22] NT [3]

KEY for Table 1

[] - number of labs reporting allele assignment/POS/NEG/NT
 POS - Presence of gene
 NEG - Absence of gene
 NT - Not typed
italics - assignment different from consensus

KEY for Tables 2-5

italics - assignment different from consensus
 SSP - Sequence-specific priming-based typing
 SSOP - Sequence-specific oligonucleotide probing-based typing
 RSSOP - Reverse Sequence-specific oligonucleotide probing-based typing
 SBT - Sequencing-based typing

Table 2. KIR Exchange Sample: KDNA #53

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5488	Adams, Sharon	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
8033	Balazs, Ivan	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001	POS	POS	POS	SSOP
8025	Carrington/Mar	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001	POS	POS	*003	SSP
785	Chan, Soh Ha	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
3224	Chen, Dongfeng	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSOP, SSP
3966	Chongkolwatana,	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
124	Christiansen/Witt	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	NT	NT	SSP
3632	Colombe, Beth	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
5130	Costeas, Paul A	POS	NEG	POS	POS	POS	POS	POS	POS	POS	*002- *004	NEG	NEG	*001	POS	POS	*003	SSP
189	Crowe, Deborah	POS	NEG	POS	POS	A*001/ *005	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
1108	Davis, Mary	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001	POS	POS	POS	
8031	Dinauer, David	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
3186	Dunckley, Heather	POS	NEG	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	SSP
8038	Fernandez-Vina, M	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	POS	SSOP
762	Fischer, Gottf	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
8026	Gardiner, Clair	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
8040	Gladman/Pellet	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
4985	Graff, Ralph J.	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
1461	Hidajat, Melan	POS	NEG	POS	POS	VAR	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
615	Holdsworth/Tait	POS	NEG	POS	POS	A*001/ *005	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
5000	Hsu, Susan H.	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	*003	SSOP, SSP
4337	Kim, Tai-Gyu	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
8037	Kotsch, Katja	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	POS	SSP
836	KuKuruga, Debr	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	
8046	Kusnierczyk, Piotr	POS	NEG	POS	POS	POS	NEG	POS	POS	POS	POS	NEG	NEG	FULL	POS	NT	NT	MULTIPLEX SSP
8002	MacCann, Eileen	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
5142	Marsh, Steven	*001, *003	NEG	*001, -	POS	POS	*005, -	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSOP, SSP
8027	Middleton, Der	NT																SSOP
733	Mytilineos, Joan	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
2549	Nehlsen-Canna	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
16	Pidwell, Diane J.	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	RSSOP, SSP
4141	Pollack, Maril	NT																SSP

Table 2. KIR Exchange Sample: KDNA #53

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
3753	Reed/Rajaling	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
3798	Reinsmoen,Nan	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP,SSOP
1694	Sauer,Norbert	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
3410	Schroeder,M.L.	POS	NEG	NEG	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
1426	Senitzer,David	POS	NEG	POS	POS	A*001	*020	POS	POS	POS	POS	NEG	NEG	*001	POS	POS	*003	MULTIPLEX SSP
740	Snider,Denis	POS	NEG	POS	POS	A*001/ *005	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
702	Spannagl,Michae	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
230	Thoni,Deborah	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSOP
747	Tiercy,Jean-Marie	POS	NEG	POS	POS	A*001/ *005	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
4021	Trachtenberg,Eliz	POS	NEG	POS	POS	A*001, B*006	POS	POS	POS	POS	POS	NEG	NEG	*001	POS	POS	POS	MALDI-TDF
8024	Trowsdale,Joh	POS	NEG	POS	NT	POS	POS	POS	POS	POS	POS	NEG	NEG	FULL	POS	POS	POS	SSP
5462	Turner,Victor	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
8028	Uhrberg,Marku	POS	NEG	POS	NT	POS	POS	POS	NT	POS	POS	NEG	NEG	*001/ *002	POS	NT	NT	SSP
3775	Vidan-Jeras,BI	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	SSP
8023	Vilches,Carlo	POS	NEG	POS	POS	A*001	POS	POS	POS	POS	POS	NEG	NEG	*001	POS	POS	*003	SSP
8047	Wassmuth,Ralf	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	NEG	POS	SSP
8051	Wiltbank&Endres	POS	NEG	POS	POS	A	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP
1466	Yu,Neng	POS	NEG	POS	POS	*001/ *003/ *004	POS	*009, +	POS	POS	*002- *004	NEG	NEG	*001/ *002	POS	POS	*003	SSOP
713	Zachary,Andre	POS	NEG	POS	POS	A*001/ *005	POS	POS	POS	POS	POS	NEG	NEG	*001/ *002	POS	POS	*003	SSP

Table 3. KIR Exchange Sample: KDNA #54

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5488	Adams, Sharon	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8033	Balazs, Ivan	POS	*001- *003, *005	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001, *003/ *004/ *006/ *007	NEG	POS	POS	SSOP
8025	Carrington/Mar	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001, DEL	NEG	POS	*001/ *002/ *004, *003	SSP
785	Chan, Soh Ha	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3224	Chen, Dongfeng	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP, SSP
3966	Chongkolwatana,	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
124	Christiansen/Witt	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*003+	NEG	NT	NT	SSP
3632	Colombe, Beth	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
5130	Costeas, Paul A	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	*003	SSP
189	Crowe, Deborah	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	*003	SSP
1108	Davis, Mary	POS	*001- *003, *005	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	
8031	Dinauer, David	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
3186	Dunckley, Heather	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8038	Fernandez-Vina, M	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP
762	Fischer, Gottf	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8026	Gardiner, Clair	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8040	Gladman/Pellet	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
4985	Graff, Ralph J.	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
1461	Hidajat, Melan	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	POS	SSP
615	Holdsworth/Tait	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
5000	Hsu, Susan H.	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP, SSP
4337	Kim, Tai-Gyu	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8037	Kotsch, Katja	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
836	KuKuruga, Debr	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	
8046	Kusnierczyk, Piotr	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	FULL, DEL	NEG	NT	NT	MULTIPLEX SSP
8002	MacCann, Eileen	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP

Table 3. KIR Exchange Sample: KDNA #54

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5142	Marsh,Steven	*004- *006, -	POS	NEG	*00102/ *00103, *00202/ *00801/ *009	NEG	*002/ *006- *008/ *015/ *017/ *018/ *020, *005	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP,SSP
8027	Middleton,Der	POS	POS	NEG	*00102, *00202	NEG	POS	*002, *011	POS	NEG	NEG	POS	NEG	*001, *003- *007	NEG	POS	POS	SSOP
733	Mytilineos,Joan	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
2549	Nehlsen-Canna	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
16	Pidwell,Diane J.	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP,SSP
4141	Pollack,Maril	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3753	Reed/Rajaling	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3798	Reinsmoen,Nan	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001- *007	NEG	POS	*001- *004	SSP,SSOP
1694	Sauer,Norbert	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3410	Schroeder,M.L.	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *006	NEG	POS	*001/ *002/ *004, *003	SSP
1426	Senitzer,David	POS	POS	NEG	POS	NEG	*001, *002	POS	POS	NEG	NEG	POS	NEG	*001, *003/ *004/ *006/ *007	NEG	POS	*001/ *002/ *004, *003	MULTIPLEX SSP
740	Snider,Denis	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	POS	NEG	*001/ *002, *003- *006	NEG	POS	*003	SSP
702	Spannagl,Michae	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001- *003	NEG	POS	POS	SSP
230	Thoni,Deborah	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP
747	Tiercy,Jean-Marie	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
4021	Trachtenberg,Eliz	*004/ *007/ *010	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	MALDI-TDF
8024	Trowsdale,Joh	POS	POS	NEG	NT	NEG	POS	POS	POS	NEG	NEG	POS	NEG	FULL, DEL	NEG	POS	POS	SSP

Table 3. KIR Exchange Sample: KDNA #54

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5462	Turner,Victor	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001- *006	NEG	POS	*001- *004	SSP
8028	Uhrberg,Marku	POS	POS	NEG	NT	NEG	POS	POS	NT	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	NT	NT	SSP
3775	Vidan-Jeras,BI	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8023	Vilches,Carlo	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001, DEL	NEG	POS	*001/ *002, *003	SSP
8047	Wassmuth,Ralf	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	POS	POS	NEG	POS	NEG	POS	POS	SSP
8051	Wiltbank&Endres	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
1466	Yu,Neng	*004	POS	NEG	*00102, +	NEG	*002, +	POS	POS	NEG	NEG	*005	NEG	*001/ *002, *003/ *006	NEG	POS	*001/ *002/ *004, *003	SSOP
713	Zachary,Andre	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP

Table 4. KIR Exchange Sample: KDNA #55

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5488	Adams, Sharon	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8033	Balazs, Ivan	POS	*001- *003, *005	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001, *003/ *004/ *006/ *007	NEG	POS	POS	SSOP
8025	Carrington/Mar	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001, DEL	NEG	POS	*001/ *002/ *004, *003	SSP
785	Chan, Soh Ha	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3224	Chen, Dongfeng	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP, SSP
3966	Chongkolwatana,	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
124	Christiansen/Witt	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*003+	NEG	NT	NT	SSP
3632	Colombe, Beth	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
5130	Costeas, Paul A	POS	POS	NEG	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	*003	SSP
189	Crowe, Deborah	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	POS	POS	*002/ *004	SSP
1108	Davis, Mary	POS	*001- *003, *005	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	
8031	Dinauer, David	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
3186	Dunckley, Heather	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8038	Fernandez-Vina, M	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP
762	Fischer, Gottf	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8026	Gardiner, Clair	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8040	Gladman/Pellet	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
4985	Graff, Ralph J.	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
1461	Hidajat, Melan	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
615	Holdsworth/Tait	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
5000	Hsu, Susan H.	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP, SSP
4337	Kim, Tai-Gyu	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8037	Kotsch, Katja	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
836	KuKuruga, Debr	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	
8046	Kusnierczyk, Piotr	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	FULL, DEL	NEG	NT	NT	MULTIPLEX SSP

Table 4. KIR Exchange Sample: KDNA #55

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
8002	MacCann,Eileen	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
5142	Marsh,Steven	*003, -	POS	*001, -	*00102/ *00103/ *00105, *005/ *011	NEG	*002/ *006- *008/ *015/ *017/ *018/ *020, -	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP,SSP
8027	Middleton,Der	POS	POS	POS	*00102, *005	NEG	POS	*001, *009	POS	NEG	NEG	POS	NEG	*001, *003- *007	NEG	POS	POS	SSOP
733	Mytilineos,Joan	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
2549	Nehlsen-Canna	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
16	Pidwell,Diane J.	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP,SSP
4141	Pollack,Maril	NT																
3753	Reed/Rajaling	POS	NEG	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3798	Reinsmoen,Nan	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001- *007	NEG	POS	*001- *004	SSP,SSOP
1694	Sauer,Norbert	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
3410	Schroeder,M.L.	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *006	NEG	POS	*001/ *002/ *004, *003	SSP
1426	Senitzer,David	POS	POS	POS	POS	NEG	*005, *020	POS	POS	NEG	NEG	POS	NEG	*001, *003/ *004/ *006/ *007	NEG	POS	*001/ *002/ *004, *003	MULTIPLEX SSP
740	Snider,Denis	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *006	NEG	POS	*003	SSP
702	Spannagl,Michae	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003	NEG	POS	POS	SSP
230	Thoni,Deborah	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSOP
747	Tiercy,Jean-Marie	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
4021	Trachtenberg,Eliz	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	MALDI-TDF
8024	Trowsdale,Joh	POS	POS	POS	NT	NEG	POS	POS	POS	NEG	NEG	POS	NEG	FULL, DEL	NEG	POS	POS	SSP
5462	Turner,Victor	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001- *006	NEG	POS	*001- *004	SSP

Table 4. KIR Exchange Sample: KDNA #55

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
8028	Uhrberg,Marku	POS	POS	POS	NT	POS	POS	POS	NT	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	NT	NT	SSP
3775	Vidan-Jeras,BI	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8023	Vilches,Carlo	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001, DEL	NEG	POS	*001/ *002, *003	SSP
8047	Wassmuth,Ralf	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP
8051	Wiltbank&Endres	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	*001/ *002, *003- *007	NEG	POS	*001/ *002/ *004, *003	SSP
1466	Yu,Neng	POS	POS	POS	POS	NEG	*004/ *005/ *006/ *019, +	*009, +	POS	NEG	NEG	POS	NEG	*001/ *002, *003/ *006	NEG	POS	*001/ *002/ *004, *003	SSOP
713	Zachary,Andre	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS	NEG	POS	POS	SSP

Table 5. KIR Exchange Sample: KDNA #56

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5488	Adams, Sharon	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
8033	Balazs, Ivan	POS	*001- *003, *005	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	POS	SSOP
8025	Carrington/Mar	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	DEL	NEG	POS	*003	SSP
785	Chan, Soh Ha	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
3224	Chen, Dongfeng	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSOP, SSP
3966	Chongkolwatana,	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
124	Christiansen/Witt	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	*003+	NEG	NT	NT	SSP
3632	Colombe, Beth	POS	POS	POS	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	POS	POS	POS	SSP
5130	Costeas, Paul A	POS	POS	POS	POS	B	POS	POS	POS	POS	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	*003	SSP
189	Crowe, Deborah	POS	POS	NEG	POS	B*002/ *004/ *007	POS	POS	POS	NEG	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	*003	SSP
1108	Davis, Mary	POS	*001- *003, *005	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	POS	
8031	Dinauer, David	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
3186	Dunkley, Heather	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
8038	Fernandez-Vina, M	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	DEL	NEG	POS	POS	SSOP
762	Fischer, Gottf	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
8026	Gardiner, Clair	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
8040	Gladman/Pellet	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
4985	Graff, Ralph J.	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
1461	Hidajat, Melan	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
615	Holdsworth/Tait	POS	POS	NEG	POS	B*002/ *004/ *007	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
5000	Hsu, Susan H.	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	*003/ *006/ *007	NEG	POS	*003	SSOP, SSP
4337	Kim, Tai-Gyu	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
8037	Kotsch, Katja	POS	POS	NEG	POS	B*002- *007	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP

Table 5. KIR Exchange Sample: KDNA #56

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
836	KuKuruga,Debr	POS	POS	NEG	POS	B*002/ *004/ *007	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	
8046	Kusnierczyk,Piotr	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	DEL	NEG	NT	NT	MULTIPLEX SSP
8002	MacCann,Eileen	POS	POS	NEG	POS	POS	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	POS	POS	SSP
5142	Marsh,Steven	*004- *006, -	POS	NEG	*00202/ *00801/ *009, *005/ *011	POS	*002/ *006- *008/ *015/ *017/ *018/ *020, -	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSOP,SSP
8027	Middleton,Der	POS	POS	NEG	*00202, *005	POS	POS	*001	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	POS	SSOP
733	Mytilineos,Joan	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
2549	Nehlsen-Canna	POS	POS	NEG	POS	A/B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
8039	Noreen,Harriet																	SSOP
16	Pidwell,Diane J.	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSOP,SSP
4141	Pollack,Maril	NT																SSP
3753	Reed/Rajaling	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
3798	Reinsmoen,Nan	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP,SSOP
1694	Sauer,Norbert	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSP
3410	Schroeder,M.L.	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *006	NEG	POS	*003	SSP
1426	Senitzer,David	POS	POS	NEG	POS	B*002	*001, *009	POS	POS	NEG	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	*003	MULTIPLEX SSP
740	Snider,Denis	POS	POS	NEG	POS	*002- *004	POS	POS	POS	NEG	NEG	POS	POS	*003- *006	NEG	POS	*003	SSP
702	Spannagl,Michae	POS	POS	NEG	POS	B	POS	POS	POS	POS	NEG	POS	POS	*003- *006	NEG	POS	POS	SSP
230	Thoni,Deborah	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	POS	POS	POS	NEG	POS	POS	SSOP
747	Tiercy,Jean-Marie	POS	POS	NEG	POS	B*002/ *004/ *007	POS	POS	POS	NEG	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	*003	SSP
4021	Trachtenberg,Eliz	*004/ *007/ *010	POS	NEG	POS	A*005, B*002	POS	POS	POS	NEG	NEG	POS	POS	*003/ *004/ *006/ *007	NEG	POS	POS	MALDI-TDF
8024	Trowsdale,Joh	POS	POS	NEG	NT	POS	POS	POS	POS	NEG	NEG	POS	POS	DEL	NEG	POS	POS	SSP

Table 5. KIR Exchange Sample: KDNA #56

CTR	Investigator Name	2DL1	2DL2	2DL3	2DL4	2DL5	3DL1	3DL2	3DL3	3DS1	2DS1	2DS2	2DS3	2DS4	2DS5	2DP1	3DP1	METHOD
5462	Turner,Victor	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *006	NEG	POS	*003	SSP
8028	Uhrberg,Marku	POS	POS	NEG	NT	POS	POS	POS	NT	NEG	NEG	POS	POS	*003- *007	NEG	NT	NT	SSP
3775	Vidan-Jeras,BI	POS	POS	POS	POS	B	POS	POS	POS	POS	POS	POS	POS	POS	NEG	POS	POS	SSP
8023	Vilches,Carlo	POS	POS	NEG	POS	B*002	POS	POS	POS	NEG	NEG	POS	POS	DEL	NEG	POS	*003	SSP
8047	Wassmuth,Ralf	POS	POS	NEG	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	NEG	POS	POS	SSP
8051	Wiltbank&Endres	POS	POS	NEG	POS	B	POS	POS	POS	NEG	NEG	POS	POS	*003- *007	NEG	POS	*003	SSP
1466	Yu,Neng	*004	POS	NEG	POS	*002/ *005	*004- *006/ *019	POS	POS	NEG	NEG	POS	POS	*003/ *006	NEG	POS	*003	SSOP
713	Zachary,Andre	POS	POS	NEG	POS	B*002/ *004	POS	POS	POS	NEG	NEG	POS	POS	*003/ *006	NEG	POS	*003	SSP

PARTICIPATING CENTERS

Name			City/State	Country	Name			City/State	Country
Adams	Sharon		Bethesda MD		MacCann	Eileen		Providence RI	
Balazs	Ivan		Stamford CT		Mah	Helen		Boston MA	
Carrington/Martin		Drs	Frederick MD		Marsh	Steven	Dr	London	England
Chan	Soh Ha	Prof	Singapore	Singapore	McCluskey	James	Prof	Adelaide	Australia
Charlton	Ronald	PhD	Jacksonville FL		Middleton	Derek	Prof	Belfast	N. Ireland
Chen	Dongfeng	Dr	Durham NC		Mytilineos	Joannis	MD	Ulm	Germany
Chongkolwatana/Vejbaesya		Drs	Bangkok	Thailand	Nehlsen-Cannarella	Sandra	Dr	Detroit MI	
Christiansen/Witt			Perth	Australia	Noreen	Harriet		Minneapolis MN	
Colombe	Beth	PhD	Philadelphia PA		Olerup	Olle		Saltsjobaden	Sweden
Cook	Daniel J.	PhD	Cleveland OH		Pollack	Marilyn	PhD	San Antonio TX	
Costeas	Paul A.	Dr	Nicosia	Cyprus	Reed/Rajalingam		Drs	Los Angeles CA	
Crowe	Deborah	PhD	Nashville TN		Reinsmoen	Nancy	PhD	Los Angeles CA	
Davidson/Poulton		Drs	Manchester	England	Satake	Masahiro	MD	Tokyo	Japan
Davis	Mary	PhD	Stamford CT		Sauer	Norbert		Lich	Germany
Dinauer	David		Brown Deer WI		Schroeder	M.L.	MD	Winnipeg MB	Canada
Dunckley	Heather	PhD	Sydney NSW	Australia	Senitzer	David	PhD	Duarte CA	
Fernandez-Vina	Marcelo	PhD	Houston TX		Snider	Denis	PhD	Buffalo NY	
Fischer	Gottfried	Dr	Vienna	Austria	Spannagl	Michael	Dr	Munich	Germany
Gardiner	Clair	PhD	Dublin	Ireland	Stavropoulos-Giokas	Catherine	Dr	Athens	Greece
Gillespie	Kathleen	Dr	Bristol	UK	Thoni	Deborah	MD	Orlando FL	
Gladman/Pellett			Toronto ON	Canada	Tiercy	Jean-Marie	Dr	Geneva	Switzerland
Graff	Ralph J.	Dr	St Louis MO		Trachtenberg	Elizabeth	PhD	Oakland CA	
Han	Hoon	Dr	Seoul	S. Korea	Trowsdale	John	Prof	Cambridge	UK
Hidajat	Melanny		Brugge	Belgium	Turner	E.V.	PhD	Memphis TN	
Holdsworth/Tait			South Melbourne	Australia	Uhrberg	Markus	Dr	Dusseldorf	Germany
Hsu	Susan H.	PhD	Philadelphia PA		Vidan-Jeras	Blanka		Ljubljana	Slovenia
Kim	Tai-Gyu	Prof	Seoul	S. Korea	Vilches	Carlos	Dr	Madrid	Spain
Kotsch	Katja	PhD	Berlin	Germany	Wassmuth	Ralf	Prof	Dresden	Germany
KuKuruga	Debra	PhD	Baltimore MD		Watkins	David	PhD	Madison WI	
Kusnierczyk	Piotr		Wroclaw	Poland	Yu	Neng	MD	Dedham MA	
Loewenthal	Ron	MD PhD	Tel-Hashomer	Israel	Zachary	Andrea	PhD	Baltimore MD	