

HLA TYPING REPORT

Patient Information

Last Name	: Shaikh	Date Of Birth	: 08-Mar-1991
First Name	: Mohammed Anas	Histo ID	: H86574
Hospital	: Dr.Ian Pinto	MR#	: NA
Physician	: Dr.Ian Pinto		
Diagnosis	: CML blast crisis	Received On	: 26-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
24:02:01G	18:01:01G	03:04:01G	09:01:02G	NA	03:02:01G	NA	NA	NA
68:01:02G	40:23	07:01:01G	15:06:01	NA	05:02:01G	NA	NA	NA

Typing Status : Complete

Null Allele Resolution Status : A*24:09N,A*24:11N,A*24:40N,A*24:83N,A*24:155N,A*24:163N,A*24:183N,A*24:388N,A*24:427N,A*24:430N,A*68:11N,C*03:366N,C*07:796N,C*07:808N,DQB1*03:310N,DQB1*05:90N excluded

Donor(s) Results

Last Name/URD#	: Shaikh	Date Of Birth	: 04-Jan-1967
First Name	: Sabanabanu	Histo ID	: H86579
Relation	: Mother	Received On	: 26-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
24:02:01G	15:03:01G	02:10:01G	03:01:01G	NA	02:01:01G	NA	NA	NA
30:01:01G	18:01:01G	07:01:01G	15:06:01	NA	05:02:01G	NA	NA	NA

Typing Status : Complete

Matching Ratio with Patient : 5/10

Mismatched Locus : A,B,C,DRB1,DQB1

Last Name/URD#	: Shaikh	Date Of Birth	: 28-Oct-1993
First Name	: Ummehani	Histo ID	: H86577
Relation	: Sister	Received On	: 26-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
24:02:01G	18:01:01G	03:04:01G	09:01:02G	NA	03:02:01G	NA	NA	NA
68:01:02G	40:23	07:01:01G	15:06:01	NA	05:02:01G	NA	NA	NA

Typing Status : Complete

Matching Ratio with Patient : 10/10

Matched

HLA TYPING REPORT

Patient Information

Last Name	: Shaikh	Date Of Birth	: 08-Mar-1991
First Name	: Mohammed Anas	Histo ID	: H86574
Hospital	: Dr.Ian Pinto	MR#	: NA
Physician	: Dr.Ian Pinto		
Diagnosis	: CML blast crisis	Received On	: 26-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
24:02:01G	18:01:01G	03:04:01G	09:01:02G	NA	03:02:01G	NA	NA	NA
68:01:02G	40:23	07:01:01G	15:06:01	NA	05:02:01G	NA	NA	NA

Typing Status : Complete

Null Allele Resolution Status : A*24:09N,A*24:11N,A*24:40N,A*24:83N,A*24:155N,A*24:163N,A*24:183N,A*24:388N,A*24:427N,A*24:430N,A*68:11N,C*03:366N,C*07:796N,C*07:808N,DQB1*03:310N,DQB1*05:90N excluded

Donor(s) Results

Last Name/URD#	: Khalifa	Date Of Birth	: 11-Mar-1989
First Name	: Atifa	Histo ID	: H86576
Relation	: Sister	Received On	: 26-Feb-2020
Specimen Type	: Buccal Swab	Collected On	: 21-Feb-2020

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
01:01:01G	15:03:01G	02:10:01G	03:01:01G	NA	02:01:01G	NA	NA	NA
30:01:01G	15:17:01G	07:01:01G	13:02:01G	NA	06:03:01G	NA	NA	NA

Typing Status : Complete

Matching Ratio with Patient : 1/10

Mismatched Locus : A,B,C,DRB1,DQB1

Note:

1. Match ratio to Patient: Based on protein level in ARS (Exon 2 and 3 for Class I, Exon 2 for Class II).
2. Allele Database Version : 3.37.0 (Jul 2019)
3. Allele bearing suffix G : The first allele of the Included Alleles. Included alleles in the appendix
4. NMDP code is reported if G code is not available after analyzing non-ARS exons
5. Sequencing Technology : Illumina Sequencing
6. Reagent Information : Lot Number available upon request.

Report History

Reported Date	History	Comments
02-Mar-2020	Patient: Mohammed Anas, Mother: Sabanabanu, Sister: Ummehani, Sister: Atifa	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86574				
A	24:02:01G	24:CAVJJ	Exon 1,2,3,4	24:02:01:01/24:02:01:02L/24:02:01:03/24:02:01:04/24:02:01:05/ 24:02:01:06/24:02:01:07/24:02:01:08/24:02:01:09/24:02:01:10/ 24:02:01:11/24:02:01:12/24:02:01:13/24:02:01:14/24:02:01:15/ 24:02:01:16/24:02:01:17/24:02:01:18/24:02:01:19/24:02:01:20/ 24:02:01:21/24:02:01:22/24:02:40/24:02:103/24:02:113/ 24:02:126/24:02:127/24:353/24:402/24:419/24:422/24:436/24:437/ 24:443/24:448N/24:454/24:460/24:463/24:464/24:465/24:466/24:469
A	68:01:02G	68:JVCV	Exon 1,2,3,4	68:01:02:01/68:01:02:02/68:01:02:03/68:01:02:04/68:01:02:05/ 68:01:02:06/68:01:02:07/68:01:02:08/68:01:02:09/68:01:44/ 68:01:48/68:01:50/68:152
B	18:01:01G	18:CAVKZ	Exon 2,3,4	18:01:01:01/18:01:01:02/18:01:01:03/18:01:01:04/18:01:01:05/ 18:01:01:06/18:01:01:07/18:01:01:08/18:01:01:09/18:01:01:10/ 18:01:01:11/18:01:01:12/18:01:01:13/18:01:01:14/18:01:01:15/ 18:01:01:16/18:01:01:17/18:01:01:18/18:01:01:19/18:01:01:20/ 18:01:01:21/18:01:01:22/18:01:01:23/18:01:25/18:01:26/ 18:01:29/18:01:33/18:01:38/18:17N/18:131:01:01/18:131:01:02/ 18:144/18:145/18:159/18:160/18:163/18:176/18:177/18:181/18:184
B	40:23		Exon 2,3,4	
C	03:04:01G	03:CAVNN	Exon 2,3,4,7	03:04:01:01/03:04:01:02/03:04:01:03/03:04:01:04/03:04:01:05/ 03:04:01:06/03:04:01:07/03:04:01:08/03:04:01:09/03:04:01:10/ 03:04:01:11/03:04:01:12/03:04:01:13/03:04:01:14/03:04:01:15/ 03:04:58/03:04:61/03:04:71/03:04:74/03:358/03:359/03:376/ 03:387/03:408/03:417/03:423/03:456/03:466/03:467/03:470N/03:484
C	07:01:01G	07:CAVPC	Exon 2,3,4,7	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:01:01:05/ 07:01:01:06/07:01:01:07/07:01:01:08/07:01:01:09/07:01:01:10/ 07:01:01:11/07:01:01:12/07:01:01:13/07:01:01:14Q/07:01:01:15/ 07:01:01:16/07:01:01:17/07:01:01:18/07:01:01:19/07:01:01:20/ 07:01:01:21/07:01:01:22/07:01:01:23/07:01:01:24/07:01:01:25/ 07:01:01:26/07:01:01:27/07:01:01:28/07:01:01:29/07:01:02:01/ 07:01:02:02/07:01:02:03/07:01:77/07:01:79/07:01:80/07:01:81/ 07:01:85/07:06:01:01/07:06:01:02/07:18:01:01/07:18:01:02/ 07:18:01:03/07:343:01:01/07:343:01:02/07:419/07:591/07:610/ 07:617/07:618/07:657/07:687/07:696/07:721/07:732/07:762/ 07:777/07:782/07:805/07:814
DQB1	03:02:01G	03:CAVTB	Exon 2,3	03:02:01:01/03:02:01:02/03:02:01:03/03:02:01:04/03:02:01:05/ 03:02:01:06/03:02:01:07/03:02:01:08/03:02:26/03:289/03:295/ 03:296/03:321/03:369/03:379/03:386
DQB1	05:02:01G	05:CAVTE	Exon 2,3	05:02:01:01/05:02:01:02/05:02:01:03/05:02:01:04/05:02:01:05/ 05:02:01:06/05:165/05:198/05:222
DRB1	09:01:02G	09:DZUU	Exon 2,3	09:01:02:01/09:01:02:02/09:21/09:31
DRB1	15:06:01		Exon 2,3	

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86579				
A	24:02:01G	24:BZECF	Exon 2,3	24:02:01:01/24:02:01:02L/24:02:01:03/24:02:01:04/24:02:01:05/ 24:02:01:06/24:02:01:07/24:02:01:08/24:02:01:09/24:02:01:10/ 24:02:01:11/24:02:01:12/24:02:01:13/24:02:01:14/24:02:01:15/ 24:02:01:16/24:02:01:17/24:02:01:18/24:02:01:19/24:02:01:20/ 24:02:01:21/24:02:01:22/24:02:03Q/24:02:10/24:02:13/24:02:31/ 24:02:40/24:02:43/24:02:44/24:02:56/24:02:65/24:02:79/ 24:02:80/24:02:81/24:02:82/24:02:83/24:02:84/24:02:98/ 24:02:101/24:02:102:01/24:02:102:02/24:02:103/24:02:108/ 24:02:110/24:02:113/24:02:116/24:02:117/24:02:119/24:02:120/ 24:02:121/24:02:123/24:02:124/24:02:125/24:02:126/24:02:127/ 24:09N/24:11N/24:40N/24:76/24:79/24:83N/24:144/24:150/24:153/ 24:154/24:155N/24:163N/24:183N/24:231/24:249/24:250/24:251/ 24:263/24:264/24:265/24:266/24:267/24:268/24:269/24:270/ 24:271/24:352/24:353/24:354/24:383/24:385/24:388N/24:400/ 24:401/24:402/24:417/24:418/24:419/24:422/24:423/24:427N/ 24:430N/24:431/24:436/24:437/24:438/24:442/24:443/24:448N/ 24:451/24:454/24:455/24:460/24:462/24:463/24:464/24:465/ 24:466/24:469/24:470
A	30:01:01G	30:BRXHU	Exon 2,3	30:01:01:01/30:01:01:02/30:01:01:03/30:01:02/30:24/30:81/30:95/ 30:112/30:114/30:115/30:130N/30:132N/30:135/30:136/30:137/ 30:138/30:141/30:142/30:147/30:148
B	15:03:01G	15:BFBUA	Exon 2,3	15:03:01:01/15:03:01:02/15:03:01:03/15:03:09/15:103/ 15:220:01:01/15:220:01:02/15:220:02/15:444
B	18:01:01G	18:BZEFW	Exon 2,3	18:01:01:01/18:01:01:02/18:01:01:03/18:01:01:04/18:01:01:05/ 18:01:01:06/18:01:01:07/18:01:01:08/18:01:01:09/18:01:01:10/ 18:01:01:11/18:01:01:12/18:01:01:13/18:01:01:14/18:01:01:15/ 18:01:01:16/18:01:01:17/18:01:01:18/18:01:01:19/18:01:01:20/ 18:01:01:21/18:01:01:22/18:01:01:23/18:01:03/18:01:25/ 18:01:26/18:01:27/18:01:29/18:01:33/18:01:35/18:01:38/18:17N/ 18:53/18:81/18:119/18:124/18:131:01:01/18:131:01:02/ 18:135:01:01/18:135:01:02/18:144/18:145/18:146/18:159/18:160/ 18:163/18:176/18:177/18:180/18:181/18:183/18:184
C	02:10:01G	02:BZEHK	Exon 2,3	02:02:37/02:10:01:01/02:10:01:02/02:10:01:03/02:10:01:04/ 02:10:01:05/02:10:01:06/02:10:01:07/02:10:03/02:10:04/ 02:10:05/02:10:07/02:168/02:169N/02:174/02:176

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
C	07:01:01G	07:BZEJD	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:01:01:05/ 07:01:01:06/07:01:01:07/07:01:01:08/07:01:01:09/07:01:01:10/ 07:01:01:11/07:01:01:12/07:01:01:13/07:01:01:14Q/07:01:01:15/ 07:01:01:16/07:01:01:17/07:01:01:18/07:01:01:19/07:01:01:20/ 07:01:01:21/07:01:01:22/07:01:01:23/07:01:01:24/07:01:01:25/ 07:01:01:26/07:01:01:27/07:01:01:28/07:01:01:29/07:01:02:01/ 07:01:02:02/07:01:02:03/07:01:09/07:01:19/07:01:39/07:01:61/ 07:01:75/07:01:77/07:01:78/07:01:79/07:01:80/07:01:81/ 07:01:83/07:01:84/07:01:85/07:06:01:01/07:06:01:02/07:06:03/ 07:18:01:01/07:18:01:02/07:18:01:03/07:52/07:153/07:166/ 07:337/07:343:01:01/07:343:01:02/07:419/07:458/07:588/07:591/ 07:607/07:610/07:615/07:617/07:618/07:619/07:621/07:623/ 07:624/07:657/07:658/07:682:01:01/07:682:01:02/07:682:02/ 07:685/07:687/07:694/07:696/07:706/07:708/07:721/07:732/ 07:734/07:735/07:739/07:760/07:762/07:777/07:778/07:781/ 07:782/07:795/07:796N/07:800/07:803/07:805/07:808N/07:811/ 07:813/07:814
DQB1	02:01:01G	02:BZEKM	Exon 2	02:01:01:02/02:01:08/02:01:26/02:01:27/02:01:32/02:01:33/02:01:35/ 02:01:36/02:02:01:01/02:02:01:02/02:02:01:03/02:02:01:04/ 02:02:02/02:02:03/02:02:05/02:02:06/02:02:07/02:02:08/ 02:02:09/02:04:02:06/02:09/02:10/02:48/02:59/02:64/02:79/ 02:80/02:81/02:82/02:89:01/02:89:02/02:96N/02:97/02:98/02:99/ 02:102/02:105/02:106/02:107/02:108/02:109/02:110/02:111/ 02:112/02:114/02:118/02:119/02:120/02:121/02:122/02:125/ 02:126/02:127/02:128/02:131/02:133/02:136/02:137/02:138/ 02:142/02:143/02:144/02:145/02:146/02:148/02:154/02:155/ 02:156/02:157/02:158/02:159/02:160
DQB1	05:02:01G	05:BZEMA	Exon 2	05:02:01:01/05:02:01:02/05:02:01:03/05:02:01:04/05:02:01:05/ 05:02:01:06/05:02:03/05:02:07/05:02:11/05:02:14/05:02:15/ 05:02:20/05:02:22/05:14/05:17/05:35/05:36/05:37/05:46/05:47/ 05:57/05:87Q/05:90N/05:102/05:106/05:136/05:165/05:174/05:178/ 05:186/05:192/05:196/05:198/05:199/05:222/05:227/05:231
DRB1	03:01:01G	03:BMJYU	Exon 2	03:01:01:01/03:01:01:02/03:01:01:03/03:01:08/03:01:26/03:01:27/ 03:01:28/03:124/03:132/03:137/03:144/03:146/03:147/03:151/ 03:152
DRB1	15:06:01		Exon 2	

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86577				
A	24:02:01G	24:BZCEP	Exon 2,3	24:02:01:01/24:02:01:02L/24:02:01:03/24:02:01:04/24:02:01:05/ 24:02:01:06/24:02:01:07/24:02:01:08/24:02:01:09/24:02:01:10/ 24:02:01:11/24:02:01:12/24:02:01:13/24:02:01:14/24:02:01:15/ 24:02:01:16/24:02:01:17/24:02:01:18/24:02:01:19/24:02:01:20/ 24:02:01:21/24:02:01:22/24:02:03Q/24:02:10/24:02:13/24:02:31/ 24:02:40/24:02:43/24:02:44/24:02:56/24:02:65/24:02:79/ 24:02:80/24:02:81/24:02:82/24:02:83/24:02:84/24:02:98/ 24:02:101/24:02:102:01/24:02:102:02/24:02:103/24:02:108/ 24:02:110/24:02:113/24:02:116/24:02:117/24:02:119/24:02:120/ 24:02:121/24:02:123/24:02:124/24:02:125/24:02:126/24:02:127/ 24:09N/24:11N/24:40N/24:76/24:79/24:83N/24:144/24:150/24:153/ 24:154/24:155N/24:163N/24:183N/24:231/24:249/24:250/24:251/ 24:263/24:264/24:265/24:266/24:267/24:268/24:269/24:270/ 24:271/24:352/24:353/24:354/24:383/24:385/24:388N/24:400/ 24:401/24:402/24:417/24:418/24:419/24:422/24:423/24:427N/ 24:430N/24:431/24:436/24:437/24:438/24:442/24:443/24:448N/ 24:451/24:454/24:455/24:460/24:462/24:463/24:464/24:465/ 24:466/24:469/24:470
A	68:01:02G	68:BZECZ	Exon 2,3	68:01:02:01/68:01:02:02/68:01:02:03/68:01:02:04/68:01:02:05/ 68:01:02:06/68:01:02:07/68:01:02:08/68:01:02:09/68:01:21/ 68:01:40/68:01:43/68:01:44/68:01:46/68:01:47/68:01:48/ 68:01:50/68:11N/68:33/68:96/68:144/68:152/68:164/68:167/ 68:207/68:208/68:217/68:221
B	18:01:01G	18:BZEFW	Exon 2,3	18:01:01:01/18:01:01:02/18:01:01:03/18:01:01:04/18:01:01:05/ 18:01:01:06/18:01:01:07/18:01:01:08/18:01:01:09/18:01:01:10/ 18:01:01:11/18:01:01:12/18:01:01:13/18:01:01:14/18:01:01:15/ 18:01:01:16/18:01:01:17/18:01:01:18/18:01:01:19/18:01:01:20/ 18:01:01:21/18:01:01:22/18:01:01:23/18:01:03/18:01:25/ 18:01:26/18:01:27/18:01:29/18:01:33/18:01:35/18:01:38/18:17N/ 18:53/18:81/18:119/18:124/18:131:01:01/18:131:01:02/ 18:135:01:01/18:135:01:02/18:144/18:145/18:146/18:159/18:160/ 18:163/18:176/18:177/18:180/18:181/18:183/18:184
B	40:23		Exon 2,3	
C	03:04:01G	03:BZEHT	Exon 2,3	03:04:01:01/03:04:01:02/03:04:01:03/03:04:01:04/03:04:01:05/ 03:04:01:06/03:04:01:07/03:04:01:08/03:04:01:09/03:04:01:10/ 03:04:01:11/03:04:01:12/03:04:01:13/03:04:01:14/03:04:01:15/ 03:04:03/03:04:20/03:04:36/03:04:43/03:04:44/03:04:55/ 03:04:58/03:04:61/03:04:63/03:04:71/03:04:72/03:04:73/ 03:04:74/03:100/03:101/03:105/03:106/03:211:01/03:211:02/ 03:212/03:213/03:218/03:219/03:236/03:252/03:294/03:303/ 03:354/03:358/03:359/03:366N/03:369/03:376/03:381/03:387/ 03:408/03:417/03:423/03:441/03:455/03:456/03:466/03:467/ 03:470N/03:478/03:484/03:485/03:486

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
C	07:01:01G	07:BZEJD	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:01:01:05/ 07:01:01:06/07:01:01:07/07:01:01:08/07:01:01:09/07:01:01:10/ 07:01:01:11/07:01:01:12/07:01:01:13/07:01:01:14Q/07:01:01:15/ 07:01:01:16/07:01:01:17/07:01:01:18/07:01:01:19/07:01:01:20/ 07:01:01:21/07:01:01:22/07:01:01:23/07:01:01:24/07:01:01:25/ 07:01:01:26/07:01:01:27/07:01:01:28/07:01:01:29/07:01:02:01/ 07:01:02:02/07:01:02:03/07:01:09/07:01:19/07:01:39/07:01:61/ 07:01:75/07:01:77/07:01:78/07:01:79/07:01:80/07:01:81/ 07:01:83/07:01:84/07:01:85/07:06:01:01/07:06:01:02/07:06:03/ 07:18:01:01/07:18:01:02/07:18:01:03/07:52/07:153/07:166/ 07:337/07:343:01:01/07:343:01:02/07:419/07:458/07:588/07:591/ 07:607/07:610/07:615/07:617/07:618/07:619/07:621/07:623/ 07:624/07:657/07:658/07:682:01:01/07:682:01:02/07:682:02/ 07:685/07:687/07:694/07:696/07:706/07:708/07:721/07:732/ 07:734/07:735/07:739/07:760/07:762/07:777/07:778/07:781/ 07:782/07:795/07:796N/07:800/07:803/07:805/07:808N/07:811/ 07:813/07:814
DQB1	03:02:01G	03:BZEKS	Exon 2	03:02:01:01/03:02:01:02/03:02:01:03/03:02:01:04/03:02:01:05/ 03:02:01:06/03:02:01:07/03:02:01:08/03:02:09/03:02:12/ 03:02:21/03:02:24/03:02:25/03:02:26/03:02:27/03:02:29/03:32/ 03:85/03:190/03:245/03:247/03:251/03:263/03:265/03:287/03:289/ 03:295/03:296/03:298/03:310N/03:315/03:321/03:324/03:343/ 03:345/03:348/03:349/03:364/03:368/03:369/03:379/03:383/ 03:386/03:392
DQB1	05:02:01G	05:BZEMA	Exon 2	05:02:01:01/05:02:01:02/05:02:01:03/05:02:01:04/05:02:01:05/ 05:02:01:06/05:02:03/05:02:07/05:02:11/05:02:14/05:02:15/ 05:02:20/05:02:22/05:14/05:17/05:35/05:36/05:37/05:46/05:47/ 05:57/05:87Q/05:90N/05:102/05:106/05:136/05:165/05:174/05:178/ 05:186/05:192/05:196/05:198/05:199/05:222/05:227/05:231
DRB1	09:01:02G	09:BMJZA	Exon 2	09:01:02:01/09:01:02:02/09:21/09:31/09:33/09:35
DRB1	15:06:01		Exon 2	

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H86576				
A	01:01:01G	01:BZFPN	Exon 2,3	01:01:01:01/01:01:01:02N/01:01:01:03/01:01:01:04/01:01:01:05/ 01:01:01:06/01:01:01:07/01:01:01:08/01:01:01:09/01:01:01:10/ 01:01:01:11/01:01:01:12/01:01:01:13/01:01:01:14/01:01:01:15/ 01:01:01:16/01:01:01:17/01:01:01:18/01:01:01:19/01:01:01:20/ 01:01:01:21/01:01:01:22/01:01:01:23/01:01:01:24/01:01:01:25/ 01:01:38L/01:01:51/01:01:83/01:01:84/01:01:91/01:01:93/ 01:01:94/01:01:95/01:01:100/01:01:103/01:01:104/01:01:105/ 01:01:106/01:04:01:01N/01:04:01:02N/01:22N/01:32/01:37:01:01/ 01:37:01:02/01:45/01:56N/01:81/01:87N/01:103/01:107/01:109/ 01:132/01:141/01:142/01:155/01:177/01:212/01:217/01:234/ 01:237/01:246/01:248Q/01:249/01:251/01:252/01:253/01:261/ 01:274/01:276/01:277/01:280/01:281Q/01:288/01:291/01:295/ 01:296/01:297/01:300/01:305/01:306/01:309/01:316/01:317/01:319
A	30:01:01G	30:BRXHU	Exon 2,3	30:01:01:01/30:01:01:02/30:01:01:03/30:01:02/30:24/30:81/30:95/ 30:112/30:114/30:115/30:130N/30:132N/30:135/30:136/30:137/ 30:138/30:141/30:142/30:147/30:148
B	15:03:01G	15:BFBUA	Exon 2,3	15:03:01:01/15:03:01:02/15:03:01:03/15:03:09/15:103/ 15:220:01:01/15:220:01:02/15:220:02/15:444
B	15:17:01G	15:BZFPR	Exon 2,3	15:17:01:01/15:17:01:02/15:17:01:03/15:17:07/15:546Q
C	02:10:01G	02:BZEHK	Exon 2,3	02:02:37/02:10:01:01/02:10:01:02/02:10:01:03/02:10:01:04/ 02:10:01:05/02:10:01:06/02:10:01:07/02:10:03/02:10:04/ 02:10:05/02:10:07/02:168/02:169N/02:174/02:176
C	07:01:01G	07:BZEJD	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:01:01:05/ 07:01:01:06/07:01:01:07/07:01:01:08/07:01:01:09/07:01:01:10/ 07:01:01:11/07:01:01:12/07:01:01:13/07:01:01:14Q/07:01:01:15/ 07:01:01:16/07:01:01:17/07:01:01:18/07:01:01:19/07:01:01:20/ 07:01:01:21/07:01:01:22/07:01:01:23/07:01:01:24/07:01:01:25/ 07:01:01:26/07:01:01:27/07:01:01:28/07:01:01:29/07:01:02:01/ 07:01:02:02/07:01:02:03/07:01:09/07:01:19/07:01:39/07:01:61/ 07:01:75/07:01:77/07:01:78/07:01:79/07:01:80/07:01:81/ 07:01:83/07:01:84/07:01:85/07:06:01:01/07:06:01:02/07:06:03/ 07:18:01:01/07:18:01:02/07:18:01:03/07:52/07:153/07:166/ 07:337/07:343:01:01/07:343:01:02/07:419/07:458/07:588/07:591/ 07:607/07:610/07:615/07:617/07:618/07:619/07:621/07:623/ 07:624/07:657/07:658/07:682:01:01/07:682:01:02/07:682:02/ 07:685/07:687/07:694/07:696/07:706/07:708/07:721/07:732/ 07:734/07:735/07:739/07:760/07:762/07:777/07:778/07:781/ 07:782/07:795/07:796N/07:800/07:803/07:805/07:808N/07:811/ 07:813/07:814

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DQB1	02:01:01G	02:BZEKM	Exon 2	02:01:01/02:01:08/02:01:26/02:01:27/02:01:32/02:01:33/02:01:35/ 02:01:36/02:02:01:01/02:02:01:02/02:02:01:03/02:02:01:04/ 02:02:02/02:02:03/02:02:05/02:02:06/02:02:07/02:02:08/ 02:02:09/02:04:02:06/02:09/02:10/02:48/02:59/02:64/02:79/ 02:80/02:81/02:82/02:89:01/02:89:02/02:96N/02:97/02:98/02:99/ 02:102/02:105/02:106/02:107/02:108/02:109/02:110/02:111/ 02:112/02:114/02:118/02:119/02:120/02:121/02:122/02:125/ 02:126/02:127/02:128/02:131/02:133/02:136/02:137/02:138/ 02:142/02:143/02:144/02:145/02:146/02:148/02:154/02:155/ 02:156/02:157/02:158/02:159/02:160
DQB1	06:03:01G	06:BZDZT	Exon 2	06:03:01:01/06:03:01:02/06:03:01:03/06:03:21/06:03:22/06:03:23/ 06:03:24/06:03:27/06:03:32/06:03:35/06:03:36/06:03:37/06:41/ 06:44/06:110/06:185/06:187/06:218/06:221/06:223/06:250/06:253/ 06:272/06:279/06:316/06:327/06:328/06:329/06:334/06:336/ 06:350/06:352
DRB1	03:01:01G	03:BMJYU	Exon 2	03:01:01:01/03:01:01:02/03:01:01:03/03:01:08/03:01:26/03:01:27/ 03:01:28/03:124/03:132/03:137/03:144/03:146/03:147/03:151/ 03:152
DRB1	13:02:01G	13:BZEMW	Exon 2	13:02:01:01/13:02:01:02/13:02:01:03/13:02:14/13:02:15/13:02:16/ 13:02:17/13:208/13:236/13:239/13:255N/13:265/13:268N/13:269/ 13:275/13:282/13:285