

HLA TYPING REPORT

Patient Information

Last Name : **Syed Azeem Peeran** Date Of Birth : 01-Jan-1987
First Name : **Ashrafunnisha** Histo ID : H84088
Hospital : Apollo Hospitals-Chennai MR# : NA
Physician : NA
Diagnosis : AML Received On : 02-Dec-2019
Specimen Type : Buccal Swab Collected On : 28-Nov-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
01:01:01G	35:03:01G	06:02:01G	07:01:01G	NA	03:03:02G	NA	04:01:01G	NA
11:01:01G	57:01:01G	12:03:01G	13:01:01G	NA	06:03:01G	NA	14:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*01:04:01:01N,A*01:04:01:02N,A*01:22N,A*01:56N,A*01:87N,A*11:21N,A*11:69N,A*11:210N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:375N,DPB1*754:01N,DPB1*756:01N,DPB1*794:01N,DPB1*974:01N,DPB1*986:01N excluded

Donor(s) Results

Last Name/URD# : **Peeran** Date Of Birth : 10-Jun-1958
First Name : **Syed Azeem** Histo ID : H84697
Relation : Father Received On : 23-Dec-2019
Specimen Type : Buccal Swab Collected On : 15-Dec-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:05:01G	35:03:01G	06:02:01G	10:01:01G	NA	05:01:01G	NA	10:01:01G	NA
11:01:01G	37:01:01G	12:03:01G	13:01:01G	NA	06:03:01G	NA	14:01:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 7/12

Mismatched Locus : A,B,DRB1,DQB1,DPB1

Null Allele Resolution Status : A*02:791N,A*11:21N,A*11:69N,A*11:210N,B*37:86N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*05:185N,DPB1*794:01N,DPB1*986:01N excluded

Last Name/URD# : **Thajunnisa** Date Of Birth : 05-Apr-1963
First Name : **Azeem** Histo ID : H84695
Relation : Mother Received On : 23-Dec-2019
Specimen Type : Buccal Swab Collected On : 15-Dec-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
01:01:01G	52:01:01G	06:02:01G	04:03:01G	NA	03:02:01G	NA	04:01:01G	NA
11:01:01G	57:01:01G	12:CAVPP	07:01:01G	NA	03:03:02G	NA	04:01:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 7/12

Mismatched Locus : B,C,DRB1,DQB1,DPB1

Null Allele Resolution Status : A*01:04:01:01N,A*01:04:01:02N,A*01:22N,A*01:56N,A*01:87N,A*11:21N,A*11:69N,A*11:210N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:310N,DQB1*03:375N,DPB1*754:01N,DPB1*756:01N,DPB1*974:01N excluded

HLA TYPING REPORT

Patient Information

Last Name : **Syed Azeem Peeran** Date Of Birth : 01-Jan-1987
First Name : **Ashrafunnisha** Histo ID : H84088
Hospital : Apollo Hospitals-Chennai MR# : NA
Physician : NA
Diagnosis : AML Received On : 02-Dec-2019
Specimen Type : Buccal Swab Collected On : 28-Nov-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
01:01:01G	35:03:01G	06:02:01G	07:01:01G	NA	03:03:02G	NA	04:01:01G	NA
11:01:01G	57:01:01G	12:03:01G	13:01:01G	NA	06:03:01G	NA	14:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*01:04:01:01N,A*01:04:01:02N,A*01:22N,A*01:56N,A*01:87N,A*11:21N,A*11:69N,A*11:210N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:375N,DPB1*754:01N,DPB1*756:01N,DPB1*794:01N,DPB1*974:01N,DPB1*986:01N excluded

Donor(s) Results

Last Name/URD# : **Quddus** Date Of Birth : 17-Feb-1965
First Name : **Abul Kalam** Histo ID : H84693
Relation : RD Received On : 23-Dec-2019
Specimen Type : Buccal Swab Collected On : 15-Dec-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
01:01:01G	57:01:01G	06:02:01G	07:01:01G	NA	03:03:02G	NA	04:01:01G	NA
26:01:01G	57:01:01G	06:02:01G	07:01:01G	NA	03:03:02G	NA	04:01:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 6/12

Mismatched Locus : A,B,C,DRB1,DQB1,DPB1

Null Allele Resolution Status : A*01:04:01:01N,A*01:04:01:02N,A*01:22N,A*01:56N,A*01:87N,A*26:01:01:03N,A*26:180N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:375N,DPB1*754:01N,DPB1*756:01N,DPB1*974:01N excluded

Last Name/URD# : **Sathi** Date Of Birth : 28-Aug-1968
First Name : **Mohammed** Histo ID : H84495
Relation : RD Received On : 16-Dec-2019
Specimen Type : Buccal Swab Collected On : 11-Dec-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
11:01:01G	44:03:02G	07:01:01G	04:03:01G	NA	02:CAVTA	NA	04:01:01G	NA
33:03:01G	52:01:01G	12:CAVPP	07:01:01G	NA	03:02:01G	NA	04:02:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 3/12

Mismatched Locus : A,B,C,DRB1,DQB1,DPB1

Null Allele Resolution Status : A*11:21N,A*11:69N,A*11:210N,A*33:73N,A*33:74N,A*33:156N,A*33:174N,C*07:796N,C*07:808N,DQB1*02:96N,DQB1*03:310N,DPB1*724:01N,DPB1*754:01N,DPB1*756:01N,DPB1*777:01N,DPB1*925:01N,DPB1*974:01N excluded

HLA TYPING REPORT

Patient Information

Last Name : **Syed Azeem Peeran** Date Of Birth : 01-Jan-1987
First Name : **Ashrafunnisha** Histo ID : H84088
Hospital : Apollo Hospitals-Chennai MR# : NA
Physician : NA
Diagnosis : AML Received On : 02-Dec-2019
Specimen Type : Buccal Swab Collected On : 28-Nov-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
01:01:01G	35:03:01G	06:02:01G	07:01:01G	NA	03:03:02G	NA	04:01:01G	NA
11:01:01G	57:01:01G	12:03:01G	13:01:01G	NA	06:03:01G	NA	14:01:01G	NA

Typing Status : Complete

Null Allele Resolution Status : A*01:04:01:01N,A*01:04:01:02N,A*01:22N,A*01:56N,A*01:87N,A*11:21N,A*11:69N,A*11:210N,B*57:79N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:375N,DPB1*754:01N,DPB1*756:01N,DPB1*794:01N,DPB1*974:01N,DPB1*986:01N excluded

Donor(s) Results

Last Name/URD# : **S.A** Date Of Birth : 12-Feb-1998
First Name : **Syed Afzal Ahammed** Histo ID : H84090
Relation : Brother Received On : 02-Dec-2019
Specimen Type : Buccal Swab Collected On : 28-Nov-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:05:01G	37:01:01G	06:02:01G	04:03:01G	NA	03:02:01G	NA	04:01:01G	NA
11:01:01G	52:01:01G	12:CAVPP	10:01:01G	NA	05:01:01G	NA	10:01:01G	NA

Typing Status : Complete

Matching Ratio with Patient : 3/12

Mismatched Locus : A,B,C,DRB1,DQB1,DPB1

Null Allele Resolution Status : A*02:791N,A*11:21N,A*11:69N,A*11:210N,B*37:86N,C*06:46N,C*06:211:01:01N,C*06:211:01:02N,DQB1*03:310N,DQB1*05:185N,DPB1*754:01N,DPB1*756:01N,DPB1*974:01N excluded

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 / PacBio Sequencing
6. Reagent Information : Lot Number available upon request.

Report History

Reported Date	History	Comments
30-Dec-2019	Patient: Ashrafunnisha, Father: Syed Azeem, Mother: Azeem, RD: Abul Kalam, RD: Mohammed, Brother: Syed Afzal Ahammed	
20-Dec-2019	Patient: Ashrafunnisha, RD: Mohammed, Brother: Syed Afzal Ahammed	
06-Dec-2019	Patient: Ashrafunnisha, Brother: Syed Afzal Ahammed	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84088				
A	01:01:01G	01:CAVHH	Exon 1,2,3,4	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/ 01:01:83/01:01:84/01:01:93/01:01:94/01:01:104/01:01:105/ 01:248Q/01:251/01:252/01:276/01:277/01:280/01:300/01:309/01:317
A	11:01:01G	11:CAVJD	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:324/11:328
B	35:03:01G	35:CAVMD	Exon 2,3,4	35:03:01:01/35:03:01:02/35:03:01:03/35:03:01:04/35:03:01:05/ 35:03:01:06/35:03:01:07/35:03:01:08/35:03:01:09/35:03:01:10/ 35:03:23/35:03:28/35:344/35:399/35:434/35:442/35:457
B	57:01:01G	57:JJRT	Exon 2,3,4	57:01:01:01/57:01:01:02/57:01:01:03/57:01:01:04/57:01:01:05/ 57:01:01:06/57:01:28/57:01:37/57:103
C	06:02:01G	06:CCZNM	Exon 2,3,4,6,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:228/06:236/06:239/06:244/ 06:255/06:261/06:274/06:277
C	12:03:01G	12:CCZNN	Exon 2,3,4,6,7	12:03:01:01/12:03:01:02/12:03:01:03/12:03:01:04/12:03:01:05/ 12:03:01:06/12:03:01:07/12:03:01:08/12:03:01:09/12:03:01:10/ 12:03:01:11/12:03:01:12/12:03:01:13/12:03:56/12:167/12:245/ 12:262/12:277/12:284/12:289
DPB1	04:01:01G	04:CAVRP	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/350/01/670/01/702/01/849/01/878/01N/939/01N/1001:01
DPB1	14:01:01G	14:CAVSK	Exon 2,3	14:01:01:01/14:01:01:02/14:01:01:03/651/01/671/01/834:01
DQB1	03:03:02G	03:CAVTC	Exon 2,3	03:03:02:01/03:03:02:02/03:03:02:03/03:03:02:04/03:03:02:05/ 03:398
DQB1	06:03:01G	06:CAVTH	Exon 2,3	06:03:01:01/06:03:01:02/06:03:01:03/06:03:35/06:03:36/06:328/ 06:329/06:334/06:336/06:352
DRB1	07:01:01G	07:BMSUC	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:79/07:93
DRB1	13:01:01G	13:01:01	Exon 2,3	13:01:01:01/13:01:01:02

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84697				
A	02:05:01G	02:05:01	Exon 1,2,3,4	02:05:01:01/02:05:01:02
A	11:01:01G	11:CAVJD	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:324/11:328
B	35:03:01G	35:CAVMD	Exon 2,3,4	35:03:01:01/35:03:01:02/35:03:01:03/35:03:01:04/35:03:01:05/ 35:03:01:06/35:03:01:07/35:03:01:08/35:03:01:09/35:03:01:10/ 35:03:23/35:03:28/35:344/35:399/35:434/35:442/35:457
B	37:01:01G	37:CAVMF	Exon 2,3,4	37:01:01:01/37:01:01:02/37:01:01:03/37:01:01:04/37:01:01:05/ 37:01:19/37:68/37:73/37:75/37:87/37:89
C	06:02:01G	06:CAVPA	Exon 2,3,4,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:227/06:228/06:236/06:239/ 06:244/06:255/06:261/06:266/06:273/06:274/06:277/06:278
C	12:03:01G	12:CAVPS	Exon 2,3,4,7	12:03:01:01/12:03:01:02/12:03:01:03/12:03:01:04/12:03:01:05/ 12:03:01:06/12:03:01:07/12:03:01:08/12:03:01:09/12:03:01:10/ 12:03:01:11/12:03:01:12/12:03:01:13/12:03:56/12:143/12:167/ 12:245/12:262/12:277/12:278/12:284/12:289/12:290
DPB1	10:01:01G	10:AWFCR	Exon 2,3	10:01:01:01/10:01:01:02/650:01
DPB1	14:01:01G	14:CAVSM	Exon 2,3	14:01:01:01/14:01:01:02/14:01:01:03/671:01/834:01
DQB1	05:01:01G	05:CAVTD	Exon 2,3	05:01:01:01/05:01:01:02/05:01:01:03/05:01:01:04/05:01:01:05/ 05:01:24/05:01:24/05:01:26/05:01:27/05:01:28/05:01:29/ 05:01:33/05:01:35/05:01:38/05:183/05:193/05:194/05:195/05:216/ 05:232/05:234/05:237
DQB1	06:03:01G	06:CAVTH	Exon 2,3	06:03:01:01/06:03:01:02/06:03:01:03/06:03:35/06:03:36/06:328/ 06:329/06:334/06:336/06:352
DRB1	10:01:01G	10:01	Exon 2,3	10:01:01:01/10:01:01:02/10:01:01:03/10:01:12
DRB1	13:01:01G	13:01:01	Exon 2,3	13:01:01:01/13:01:01:02

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84695				
A	01:01:01G	01:CAVHH	Exon 1,2,3,4	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/ 01:01:83/01:01:84/01:01:93/01:01:94/01:01:104/01:01:105/ 01:248Q/01:251/01:252/01:276/01:277/01:280/01:300/01:309/01:317
A	11:01:01G	11:CAVJD	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:324/11:328
B	52:01:01G	52:CAVMU	Exon 2,3,4	52:01:01:01/52:01:01:02/52:01:01:03/52:01:01:04/52:01:01:05/ 52:01:01:06/52:01:30/52:01:36/52:01:38/52:01:44/52:53/52:79/ 52:90
B	57:01:01G	57:JJRT	Exon 2,3,4	57:01:01:01/57:01:01:02/57:01:01:03/57:01:01:04/57:01:01:05/ 57:01:01:06/57:01:28/57:01:37/57:103
C	06:02:01G	06:CAVPA	Exon 2,3,4,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:227/06:228/06:236/06:239/ 06:244/06:255/06:261/06:266/06:273/06:274/06:277/06:278
C	12:CAVPP	12:CAVPP	Exon 2,3,4,7	12:02:02:01/12:02:02:02/12:02:02:03/12:243/12:285
DPB1	04:01:01G	04:CAVRR	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/670:01/849:01/878:01N/939:01N/1001:01
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	03:03:02G	03:CAVTC	Exon 2,3	03:03:02:01/03:03:02:02/03:03:02:03/03:03:02:04/03:03:02:05/ 03:398
DRB1	04:03:01G	04:AFZJW	Exon 2,3	04:03:01:01/04:03:01:02/04:279
DRB1	07:01:01G	07:BMSUC	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:79/07:93

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84693				
A	01:01:01G	01:CAVHH	Exon 1,2,3,4	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/ 01:01:83/01:01:84/01:01:93/01:01:94/01:01:104/01:01:105/ 01:248Q/01:251/01:252/01:276/01:277/01:280/01:300/01:309/01:317
A	26:01:01G	26:CAVJP	Exon 1,2,3,4	26:01:01:01/26:01:01:02/26:01:01:04/26:01:01:05/26:01:01:06/ 26:01:01:07/26:01:01:08/26:01:01:09/26:01:01:10/26:01:01:11/ 26:01:01:12/26:01:01:13/26:01:44/26:01:46/26:01:49/26:163/ 26:164/26:166Q/26:167/26:187
B	57:01:01G	57:JJRT	Exon 2,3,4	57:01:01:01/57:01:01:02/57:01:01:03/57:01:01:04/57:01:01:05/ 57:01:01:06/57:01:28/57:01:37/57:103
C	06:02:01G	06:CAVPA	Exon 2,3,4,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:227/06:228/06:236/06:239/ 06:244/06:255/06:261/06:266/06:273/06:274/06:277/06:278
DPB1	04:01:01G	04:CAVRR	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/670:01/849:01/878:01N/939:01N/1001:01
DQB1	03:03:02G	03:CAVTC	Exon 2,3	03:03:02:01/03:03:02:02/03:03:02:03/03:03:02:04/03:03:02:05/ 03:398
DRB1	07:01:01G	07:BMSUC	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:79/07:93

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84495				
A	11:01:01G	11:CAVJC	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:306/11:324/11:328
A	33:03:01G	33:CAVKH	Exon 1,2,3,4	33:03:01:01/33:03:01:02/33:03:01:03/33:03:01:04/33:03:01:05/ 33:145/33:146/33:148/33:153/33:163/33:169
B	44:03:02G	44:BZEGX	Exon 2,3,4	44:03:02/44:03:54/44:324/44:469
B	52:01:01G	52:CAVMU	Exon 2,3,4	52:01:01:01/52:01:01:02/52:01:01:03/52:01:01:04/52:01:01:05/ 52:01:01:06/52:01:30/52:01:36/52:01:38/52:01:44/52:53/52:79/ 52:90
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
C	12:CAVPP	12:CAVPP	Exon 2,3,4,7	12:02:02:01/12:02:02:02/12:02:02:03/12:243/12:285
DPB1	04:01:01G	04:CAVRN	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/126:01:01:01/126:01:01:02/670:01/849:01/878:01N/ 939:01N/1001:01
DPB1	04:02:01G	04:CAVRS	Exon 2,3	04:02:01:01/04:02:01:02/04:02:01:03/04:02:01:04/04:02:01:05/ 04:02:01:06/04:02:01:07/04:02:01:08/04:02:01:09/04:02:01:10/ 04:02:01:11/04:02:01:12/04:02:01:13/04:02:01:14/04:02:09/ 105:01:01:01/105:01:01:02/105:01:01:03/105:01:01:04/ 105:01:01:05/105:01:01:06/105:01:01:07/105:01:01:08/ 105:01:01:09/105:01:01:10/665:01/701:01/725:01/730:01/927:01/ 958:01/981:01/985:01N/1013:01/1035:01
DQB1	02:CAVTA	02:CAVTA	Exon 2,3	02:02:01:01/02:02:01:02/02:02:01:03/02:02:01:04/02:02:06/ 02:02:09/02:97/02:110/02:131/02:156
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
DRB1	04:03:01G	04:AFZJW	Exon 2,3	04:03:01:01/04:03:01:02/04:279

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DRB1	07:01:01G	07:BMSUC	Exon 2,3	07:01:01:01/07:01:01:02/07:01:01:03/07:01:01:04/07:79/07:93

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84090				
A	02:05:01G	02:05:01	Exon 1,2,3,4	02:05:01:01/02:05:01:02
A	11:01:01G	11:CAVJD	Exon 1,2,3,4	11:01:01:01/11:01:01:02/11:01:01:03/11:01:01:04/11:01:01:05/ 11:01:01:06/11:01:01:07/11:01:01:08/11:01:01:09/11:01:01:10/ 11:01:01:11/11:01:01:12/11:01:01:13/11:01:01:14/11:01:01:15/ 11:01:79/11:01:87/11:263/11:270/11:278/11:280/11:295/11:303/ 11:324/11:328
B	37:01:01G	37:CAVMF	Exon 2,3,4	37:01:01:01/37:01:01:02/37:01:01:03/37:01:01:04/37:01:01:05/ 37:01:19/37:68/37:73/37:75/37:87/37:89
B	52:01:01G	52:CAVMU	Exon 2,3,4	52:01:01:01/52:01:01:02/52:01:01:03/52:01:01:04/52:01:01:05/ 52:01:01:06/52:01:30/52:01:36/52:01:38/52:01:44/52:53/52:79/ 52:90
C	06:02:01G	06:CAVPA	Exon 2,3,4,7	06:02:01:01/06:02:01:02/06:02:01:03/06:02:01:04/06:02:01:05/ 06:02:01:06/06:02:01:07/06:02:01:08/06:02:01:09/06:02:01:10/ 06:02:01:11/06:02:01:12/06:02:01:13/06:02:01:14/06:02:01:15/ 06:02:01:16/06:02:01:17/06:02:60/06:02:61/06:02:64/06:02:76/ 06:02:80/06:83/06:213/06:214/06:227/06:228/06:236/06:239/ 06:244/06:255/06:261/06:266/06:273/06:274/06:277/06:278
C	12:CAVPP	12:CAVPP	Exon 2,3,4,7	12:02:02:01/12:02:02:02/12:02:02:03/12:243/12:285
DPB1	04:01:01G	04:CAVRP	Exon 2,3	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/ 04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/ 04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/ 04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/ 04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/ 04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/ 04:01:01:31/04:01:01:32/04:01:01:33/04:01:01:34/04:01:01:35/ 04:01:41/350:01/670:01/702:01/849:01/878:01N/939:01N/1001:01
DPB1	10:01:01G	10:BYMRV	Exon 2,3	10:01:01:01/10:01:01:02/650:01/902:01
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	05:01:01G	05:CAVTD	Exon 2,3	05:01:01:01/05:01:01:02/05:01:01:03/05:01:01:04/05:01:01:05/ 05:01:24/05:01:24:02/05:01:26/05:01:27/05:01:28/05:01:29/ 05:01:33/05:01:35/05:01:38/05:183/05:193/05:194/05:195/05:216/ 05:232/05:234/05:237
DRB1	04:03:01G	04:AFZJW	Exon 2,3	04:03:01:01/04:03:01:02/04:279
DRB1	10:01:01G	10:01	Exon 2,3	10:01:01:01/10:01:01:02/10:01:01:03/10:01:12