



HISTOGENETICS

HLA TYPING REPORT

Directors: Soo Young Yang Ph.D & Nezh Cereb M.D.

Patient Information

Last Name	: Jain	First Name	: Avishi	M.R.No.	: NA
Date of Birth	: 10-Feb-2012	SampleID	: H48278	Sample Collected	: 02-Sep-2016
				Sample Received	: 12-Sep-2016
Hospital	: Histogenetics India	Diagnosis	: MPS Type VI		
Physician	: Dr. Sameer Bakshi				

A*	B*	C*	DRB1*	DRB3*	DRB4*	DRB5*	DQB1*	DPB1*
02:03:01G	37:01:01G	06:02:01G	10:01:01	NA	NA	NA	05:01:01	NA
02:11:01G	40:06:01G	15:02:01G	10:01:01	NA	NA	NA	05:01:01	NA

Donor(s) Results

Last Name/URD#	: Jain	Sample Collected	: 02-Sep-2016	Sample Received	: 12-SEP-2016
First Name	: Ayansh	Relation	: Brother	HistoID	: H48279
Date of Birth	: 17-APR-2014			Match	: 5/10

A*	B*	C*	DRB1*	DRB3*	DRB4*	DRB5*	DQB1*	DPB1*
02:01:01G	40:06:01G	15:02:01G	10:01:01	NA	NA	NA	05:03:01G	NA
02:11:01G	40:06:01G	15:02:01G	14:04:01	NA	NA	NA	05:01:01G	NA

Last Name/URD#	: Jain	Sample Collected	: 02-Sep-2016	Sample Received	: 12-SEP-2016
First Name	: Shikha	Relation	: Mother	HistoID	: H48281
Date of Birth	: 20-NOV-1985			Match	: 8/10

A*	B*	C*	DRB1*	DRB3*	DRB4*	DRB5*	DQB1*	DPB1*
02:03:01G	37:01:01G	06:02:01G	10:01:01	NA	NA	NA	03:01:01G	NA
02:11:01G	40:06:01G	15:02:01G	11:01:01G	NA	NA	NA	05:01:01G	NA

Last Name/URD#	: Jain	Sample Collected	: 02-Sep-2016	Sample Received	: 12-SEP-2016
First Name	: Abhisek	Relation	: Father	HistoID	: H48283
Date of Birth	: 17-SEP-1985			Match	: 7/10

A*	B*	C*	DRB1*	DRB3*	DRB4*	DRB5*	DQB1*	DPB1*
02:01:01G	37:01:01G	06:02:01G	10:01:01	NA	NA	NA	05:03:01G	NA
02:03:01G	40:06:01G	15:02:01G	14:04:01	NA	NA	NA	05:01:01G	NA

Comments: (Typing by Illumina Miseq)

Patient Avishi, brother Ayansh, mother Shikha and father Abhisek: Complete. 9/16/16

DIRECTOR / ASSOCIATE DIRECTOR

Note:

1. Please refer Appendix in this report for the alleles bearing suffix 'G' on them.
2. Allele Database Version used in the report is 3.20.0(Apr 2015).
3. Match ratio to patient is based on the Antigen Recognition Site. (Exon 2 and 3 for Class I, Exon 2 for Class II).

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HLA TYPING REPORT - APPENDIX

Locus	Reported Allele	NMDP Allele Code	Included Alleles
A	02:01:01G	02:AFVFJ	02:01:01:01/02:01:01:02L/02:01:01:03/02:01:01:04/02:01:08/02:01:11/ 02:01:14Q/02:01:15/02:01:21/02:01:48/02:01:50/02:01:79/02:01:80/ 02:01:89/02:01:97/02:01:98/02:01:99/02:01:104/02:09/02:43N/ 02:66/02:75/02:83N/02:89/02:97:01/02:97:02/02:132/02:134/ 02:140/02:241/02:252/02:256/02:266/02:291/02:294/ 02:305N/02:327/02:329/02:356N/02:357/02:397/ 02:411/02:446/02:455/02:469/02:481/02:538/02:559
A	02:03:01G	02:AFVFN	02:03:01/02:03:06/02:253/02:264/02:370/02:480/02:505/02:557
A	02:11:01G	02:AZGG	02:11:01/02:69
B	37:01:01G	37:AAAVS	37:01:01/37:23/37:43/37:45/37:46/37:47
B	40:06:01G	40:06	40:06:01:01/40:06:01:02/40:06:03/40:06:04/40:06:08
C	06:02:01G	06:AETSY	06:02:01:01/06:02:01:02/06:02:01:03/06:02:03/06:02:29/06:02:30/06:02:36/ 06:02:41/06:46N/06:55/06:73/06:83/06:111/06:146
C	15:02:01G	15:ADPFE	15:02:01:01/15:02:01:02/15:02:01:03/15:02:07/15:02:19/15:13/15:47/15:81/ 15:82/15:87/15:97
DQB1	03:01:01G	03:AFXPP	03:01:01:01/03:01:01:02/03:01:01:03/03:01:04/03:01:05/03:01:09/03:01:10/ 03:01:11/03:01:12/03:01:20/03:01:26/03:09/03:19/03:21/03:22/03:24/ 03:29/03:35/03:42/03:49/03:50/03:51/03:84N/03:94/03:115/03:116/ 03:164/03:165/03:169
DQB1	05:03:01G	05:ACMGX	05:03:01:01/05:03:01:02/05:03:03/05:03:04/05:03:09/05:08/05:10/05:41N/05:42/ 05:56/05:78
DQB1	05:01:01G	05:ADPFS	05:01:01:01/05:01:01:02/05:01:01:03/05:18/05:27/05:31/05:32/05:45/05:84
DRB1	11:01:01G	11:CTPB	11:01:01/11:01:08/11:97

Note: Alleles bearing suffix 'G' is the first allele in the group that have identical sequences in the antigen recognition sites.