

HLA TYPING REPORT

Patient Information

Last Name	: Brid	Date Of Birth	: 20-Dec-2010
First Name	: Aayush	Histo ID	: H84775
Hospital	: Histogenetics India	MR#	: NA
Physician	: NA		
Diagnosis	: Adrenoleukodystrophy	Received On	: 27-Dec-2019
Specimen Type	: Buccal Swab	Collected On	: 19-Dec-2019

A*	B*	C*	DRB1*	DRB345*	DQB1*	DQA1*	DPB1*	DPA1*
02:11:01G	40:06:01G	01:02:01G	11:11:01G	NA	03:01:01G	NA	NA	NA
68:01:02G	55:01:01G	15:02:01G	14:04:01G	NA	05:03:01G	NA	NA	NA

Typing Status : Complete

Null Allele Resolution Status : C*15:02:01:08N 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
6. Reagent Information : Lot Number available upon request.

Report History

Reported Date	History	Comments
03-Jan-2020	Patient: Aayush	

DIRECTOR / ASSOCIATE DIRECTOR



HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
Sample ID : H84775				
A	02:11:01G	02:BMJVC	Exon 2,3	02:11:01:01/02:11:01:02/02:69/02:751/02:821
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	40:06:01G	40:BRXKN	Exon 2,3	40:06:01:01/40:06:01:02/40:06:01:03/40:06:03/40:06:04:01/ 40:06:04:02/40:06:08/40:06:17/40:06:20/40:387/40:425/40:427
B	55:01:01G	55:BRXMG	Exon 2,3	55:01:01:01/55:01:01:02/55:01:01:03/55:01:01:04/55:01:03/ 55:01:18/55:01:22/55:85/55:91/55:97N/55:98/55:102
C	01:02:01G	01:BZEHF	Exon 2,3	01:02:01:01/01:02:01:02/01:02:01:03/01:02:01:04/01:02:01:05/ 01:02:01:06/01:02:01:07/01:02:01:08/01:02:01:09/01:02:01:10/ 01:02:01:11/01:02:01:12/01:02:02/01:02:11/01:02:12/01:02:14/ 01:02:15/01:02:23/01:02:24/01:02:25/01:02:30/01:02:30:02/ 01:02:42/01:02:45/01:02:54/01:02:55/01:02:57/01:02:58/ 01:02:61/01:02:62/01:25/01:44/01:82/01:83/01:84/01:85/01:89N/ 01:109N/01:127/01:135/01:138/01:139/01:142/01:150/01:151/ 01:155/01:159/01:164/01:165/01:172/01:173/01:174/01:175/ 01:179/01:180/01:181N/01:182/01:183
C	15:02:01G	15:BZEJR	Exon 2,3	15:02:01:01/15:02:01:02/15:02:01:03/15:02:01:04/15:02:01:05/ 15:02:01:06/15:02:01:07/15:02:01:09/15:02:01:10/15:02:07/ 15:02:19/15:02:29/15:02:30/15:02:31/15:02:35/15:02:42/ 15:13:01:01/15:13:01:02/15:47/15:81/15:82/15:87/15:97/15:146/ 15:151/15:154/15:160N/15:163/15:176/15:186/15:187/15:193/ 15:196/15:197/15:199/15:200/15:202
DQB1	03:01:01G	03:BZEKP	Exon 2	03:01:01:01/03:01:01:02/03:01:01:03/03:01:01:04/03:01:01:05/ 03:01:01:06/03:01:01:07/03:01:01:08/03:01:01:09/03:01:01:10/ 03:01:01:11/03:01:01:12/03:01:01:14/03:01:01:15/03:01:01:16/ 03:01:01:17/03:01:01:18/03:01:01:19/03:01:01:20/03:01:01:21Q/ 03:01:04/03:01:05/03:01:09/03:01:10/03:01:11/03:01:12/ 03:01:20/03:01:26/03:01:31/03:01:35/03:01:36/03:01:39/ 03:01:40/03:01:41/03:01:43/03:01:44/03:01:45/03:01:46/ 03:01:47/03:09/03:19:01/03:19:03/03:19:04/03:21/03:22:01/ 03:22:02/03:24/03:29/03:35/03:42/03:49/03:50/03:51/03:84N/ 03:94/03:115/03:116/03:164/03:165/03:169/03:182/03:191/03:196/ 03:198:01/03:198:02/03:206/03:241/03:243/03:246/03:253/03:264/ 03:266/03:276N/03:281/03:284/03:285/03:286/03:288/03:290/ 03:292/03:293/03:294/03:297/03:302/03:309/03:312/03:317:01/ 03:317:02/03:326/03:328/03:329/03:330/03:331/03:338N/03:340N/ 03:342/03:347/03:350/03:358N/03:360/03:370/03:373/03:376N/ 03:377/03:378/03:381/03:385N/03:394/03:396/03:400N/03:401

HLA TYPING REPORT - APPENDIX

Locus	G Code	NMDP Allele Code	Segment Sequenced	Included Alleles
DQB1	05:03:01G	05:BZEMC	Exon 2	05:03:01:01/05:03:01:02/05:03:01:03/05:03:01:04/05:03:03/ 05:03:04/05:03:09/05:03:18/05:03:19/05:03:22/05:08/05:10/ 05:41N/05:42/05:56/05:78/05:96/05:108/05:149/05:161/05:191/ 05:201/05:202/05:203/05:204/05:211/05:212/05:213/05:221
DRB1	11:11:01G	11:BMJYK	Exon 2	11:11:01/11:237
DRB1	14:04:01G	14:BGNGN	Exon 2	14:04:01/14:04:04/14:04:07/14:196