

Notice of OPTN Policy Change

Adding DR Antigens and Equivalences

Sponsoring Committee:	Histocompatibility
Policy Affected:	<i>Policy #4.10: Reference Tables of HLA Antigen Values and Split Equivalences</i>
Public Comment:	N/A
Board Approved:	December 3, 2019
Effective Date:	December 4, 2019

Purpose of Policy Change

The OPTN Board of Directors approves updates to the HLA tables contained in Policy 4.10. This change adds antigens and alleles that were inadvertently omitted from the most recent table updates.

Proposal History

During a review of the HLA equivalency tables, UNOS staff identified antigen and alleles that were not added to reference tables during the last changes. The missing values are rare, but keeping the tables accurate and up-to-date is imperative. The Histocompatibility committee reviewed the changes and approved sending them to the Board of Directors for clarification.

Summary of Changes

Table 4-4: DR Matching Antigen Equivalences:

- DR 03:03, DR 11:03 and 13:05 and their equivalents to Table 4-4 are missing, Will be added.

Table 4-8: DR Unacceptable Antigen Equivalences:

- DR 03:03 as an equivalent for unacceptable antigen 18 is missing. Will be added. Programming was required in UNet. This has been accomplished and a system notice has been communicated to members.

Affected Policy Language

Table 4-4: HLA DR Matching Antigen Equivalences

Candidate DR-Locus Antigen	Equivalent Donor Antigens
1	1, 01:01, 01:02
01:01	01:01, 1
01:02	01:02, 1
01:03	01:03
2	2
3	3, 03:01, 03:02, 03:03

03:01	03:01, 17
03:02	03:02, 18
<u>03:03</u>	<u>03:03, 18</u>
4	4, 04:01, 04:02, 04:03, 04:04, 04:05, 04:06, 04:07, 04:10, 04:11
04:01	04:01, 4
04:02	04:02, 4
04:03	04:03, 4
04:04	04:04, 4
04:05	04:05, 4
04:06	04:06, 4
04:07	04:07, 4
04:10	04:10, 4
04:11	04:11, 4
5	5
6	6
7	7
8	8, 08:01, 08:02, 08:03, 08:07
08:01	08:01, 8
08:02	08:02, 8
08:03	08:03, 8
08:07	08:07, 8
9	9, 09:01, 09:02
09:01	09:01, 9
09:02	09:02, 9
10	10
11	11, 11:01, <u>11:03</u> , 11:04
11:01	11:01, 11
<u>11:03</u>	<u>11:03, 11</u>
11:04	11:04, 11
12	12, 12:01, 12:02
12:01	12:01, 12
12:02	12:02, 12
13	13, 13:01, 13:02, 13:03, <u>13:05</u>
13:01	13:01, 13
13:02	13:02, 13
13:03	13:03, 13
<u>13:05</u>	<u>13:05, 13</u>
14	14, 14:01, 14:02, 14:03, 14:04, 14:05, 14:06, 14:54
14:01	14:01, 14, 14:54
14:02	14:02, 14
14:03	14:03, 14
14:04	14:04, 14
14:05	14:05, 14
14:06	14:06, 14
14:54	14:54, 14, 14:01
15	15, 15:01, 15:02, 15:03
15:01	15:01, 15
15:02	15:02, 15
15:03	15:03, 15
16	16, 16:01, 16:02

16:01	16:01, 16
16:02	16:02, 16
17	17, 03:01
18	18, 03:02, <u>03:03</u>

Table 4-8: HLA DR Unacceptable Antigen Equivalences

Candidate Unacceptable DR Locus Antigen	Donor Equivalent Antigens
1	1, 01:01, 01:02, 01:03
01:01	01:01
01:02	01:02
01:03	01:03
2	2, 15, 15:01, 15:02, 15:03, 16, 16:01, 16:02
3	3, 17, 18, 03:01, 03:02, 03:03
03:01	03:01, 17
03:02	03:02, 18
03:03	03:03, 18
4	4, 04:01, 04:02, 04:03, 04:04, 04:05, 04:06, 04:07, 04:10, 04:11
04:01	04:01
04:02	04:02
04:03	04:03
04:04	04:04
04:05	04:05
04:06	04:06
04:07	04:07
04:10	04:10
04:11	04:11
5	5, 11, 11:01, 11:04, 12, 12:01, 12:02
6	6, 13, 13:01, 13:02, 13:03, 14, 14:01, 14:02, 14:03, 14:04, 14:05, 14:06, 14:54
7	7
8	8, 08:01, 08:02, 08:03, 08:07
08:01	08:01
08:02	08:02
08:03	08:03
08:07	08:07
9	9, 09:01, 09:02
09:01	09:01
09:02	09:02
10	10
11	11, 11:01, 11:03, 11:04
11:01	11:01
11:03	11:03
11:04	11:04

Candidate Unacceptable DR Locus Antigen	Donor Equivalent Antigens
12	12, 12:01, 12:02
12:01	12:01
12:02	12:02
13	13, 13:01, 13:02,13:03, 13:05
13:01	13:01
13:02	13:02
13:03	13:03
13:05	13:05
14	14, 14:01, 14:02, 14:03, 14:04, 14:05, 14:06, 14:54
14:01	14:01, 14:54
14:02	14:02
14:03	14:03
14:04	14:04
14:05	14:05
14:06	14:06
14:54	14:54, 14:01
15	15, 15:01, 15:02, 15:03
15:01	15:01
15:02	15:02
15:03	15:03
16	16, 16:01, 16:02
16:01	16:01
16:02	16:02
17	17, 03:01
18	18, 03:02, <u>03:03</u>

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