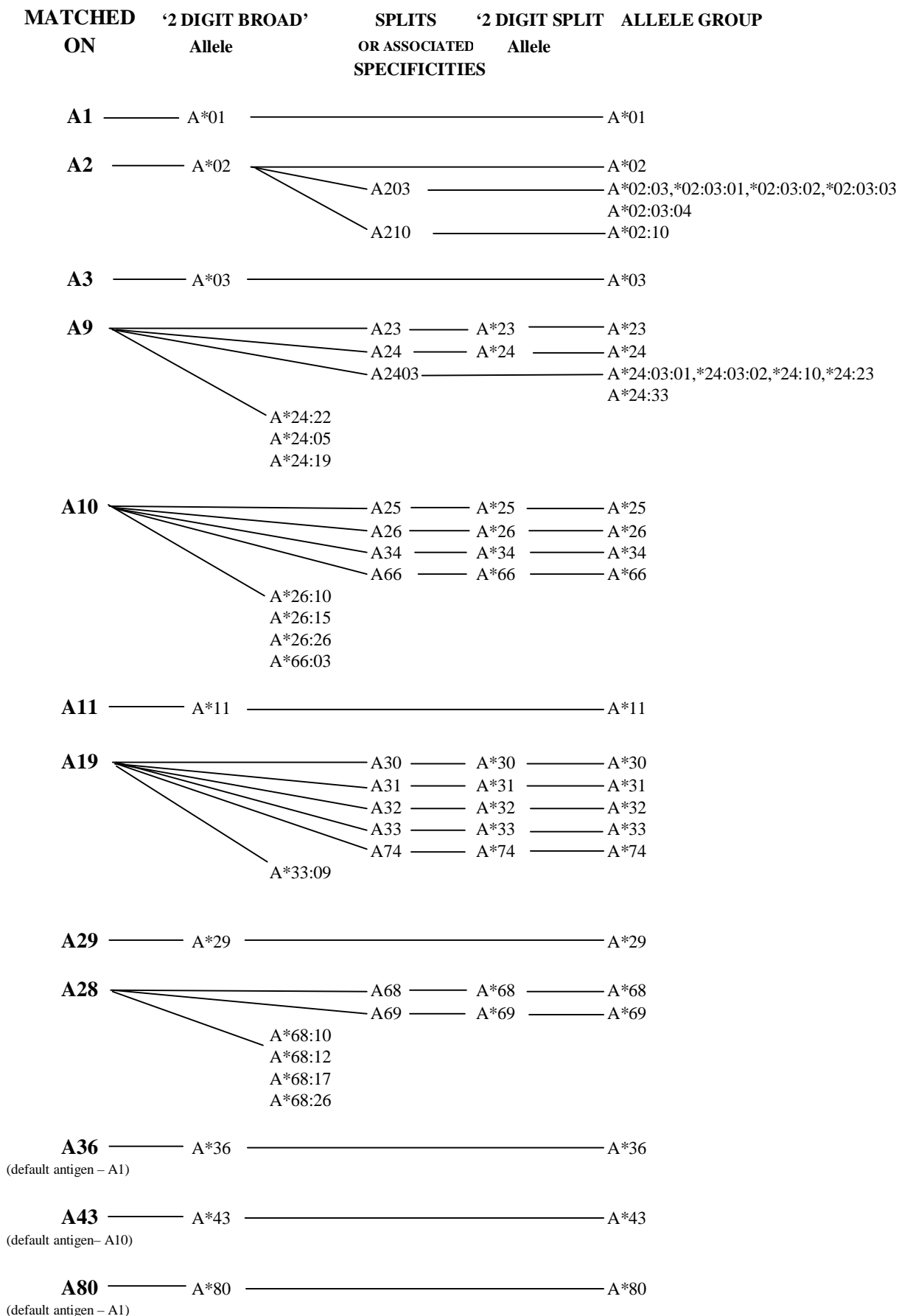
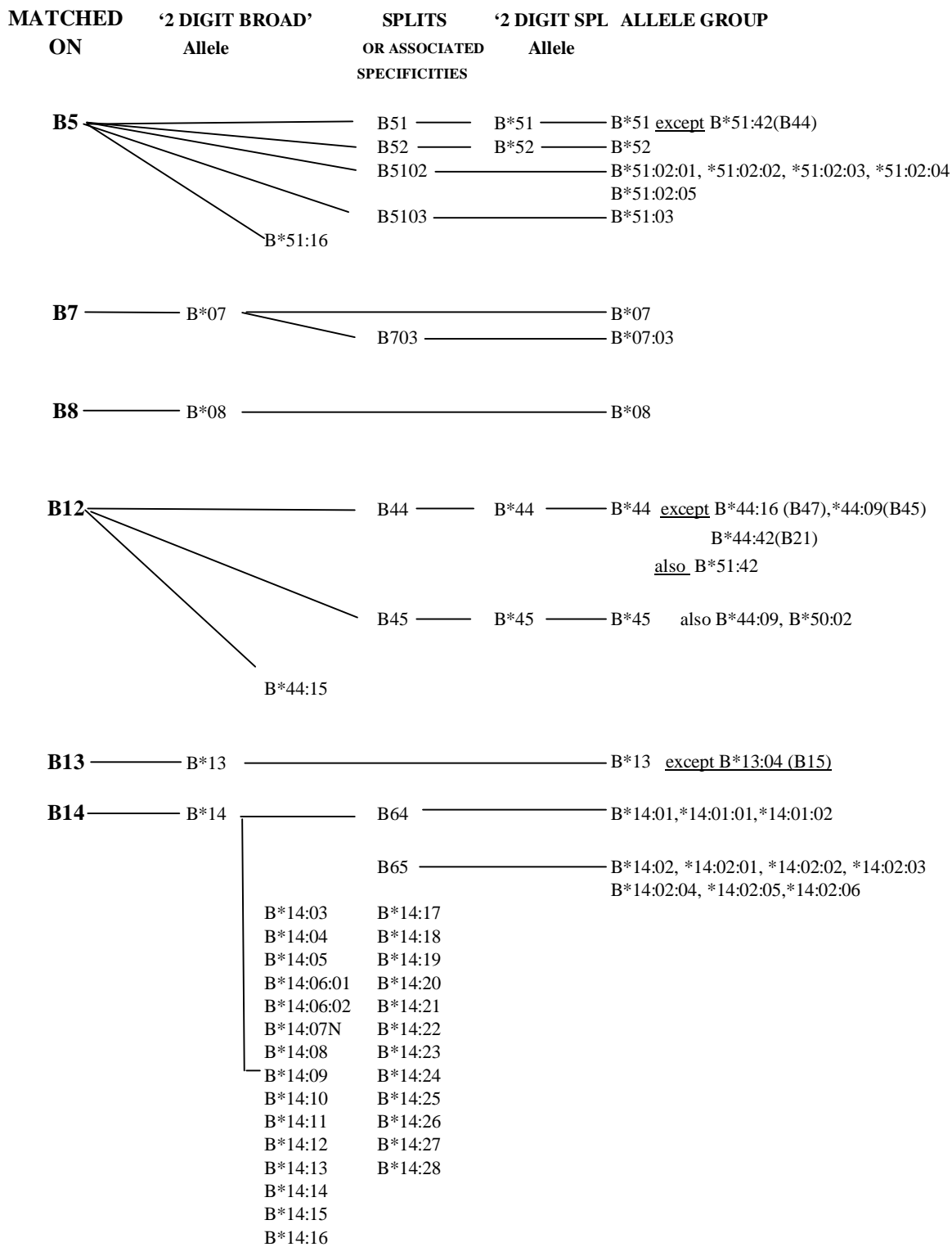


NATIONAL TRANSPLANT DATABASE

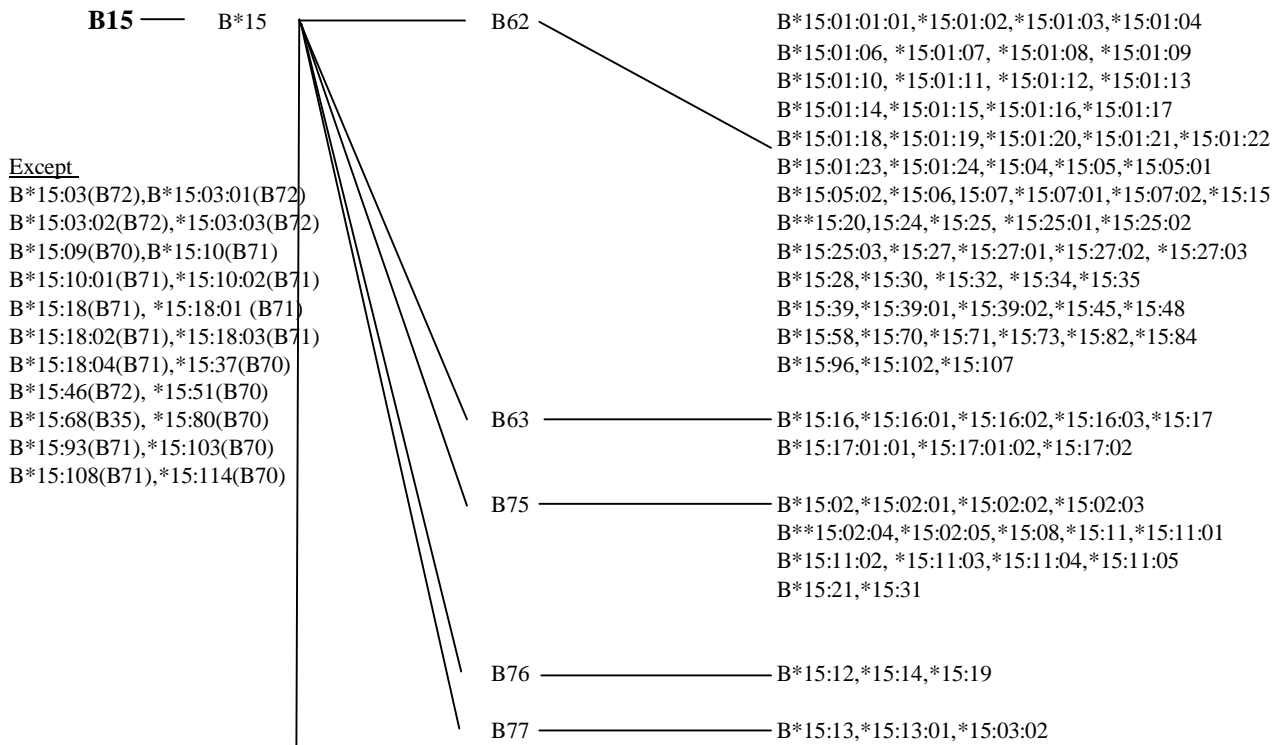
HLA CONVERSION CHART FOR ORGAN ALLOCATION

HLA Dictionary 2008 NOMENCLATURE April 2010



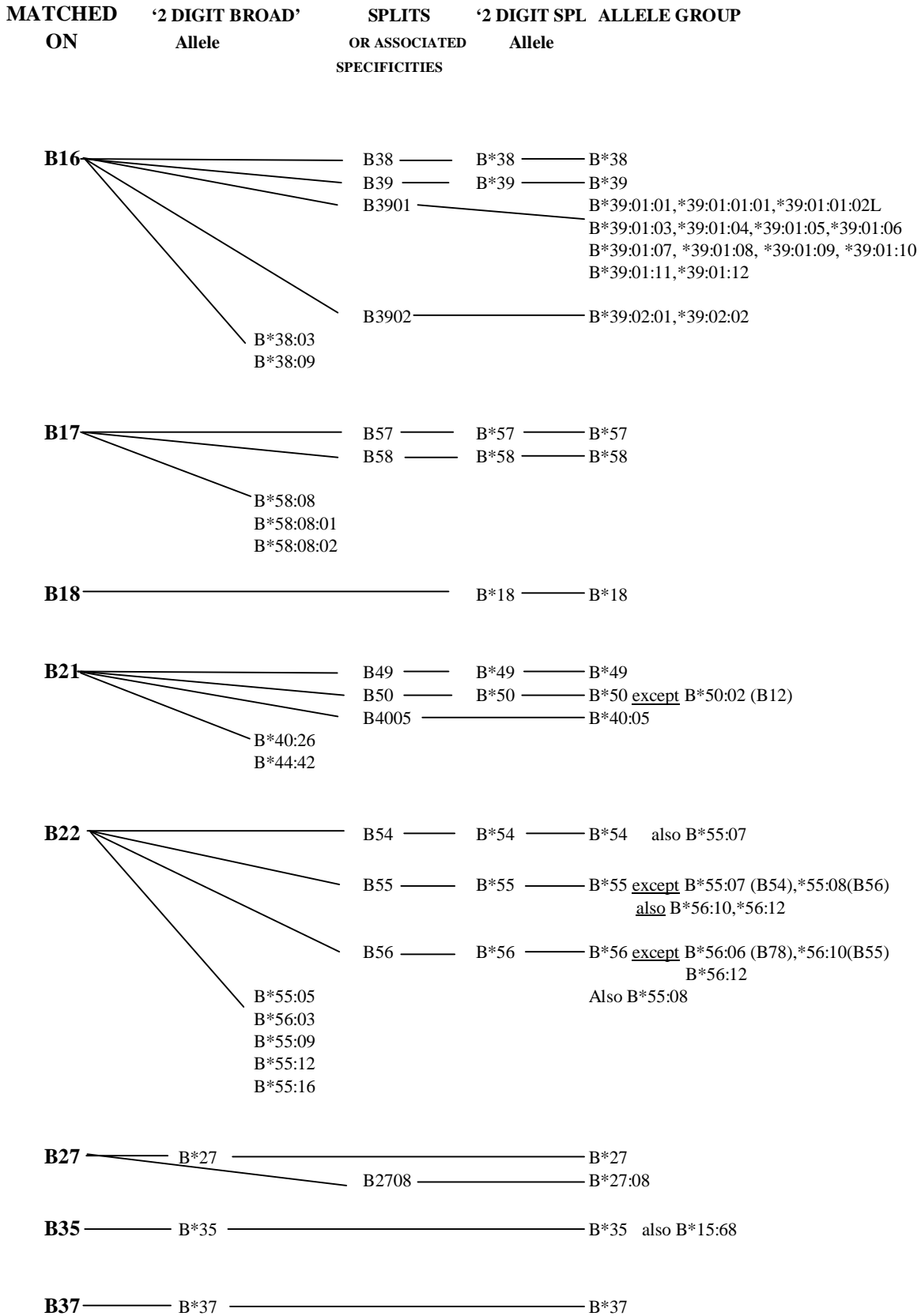


MATCHED '2 DIGIT BROAD' SPLITS '2 DIGIT SPL ALLELE GROUP
ON Allele OR ASSOCIATED Allele SPECIFICITIES

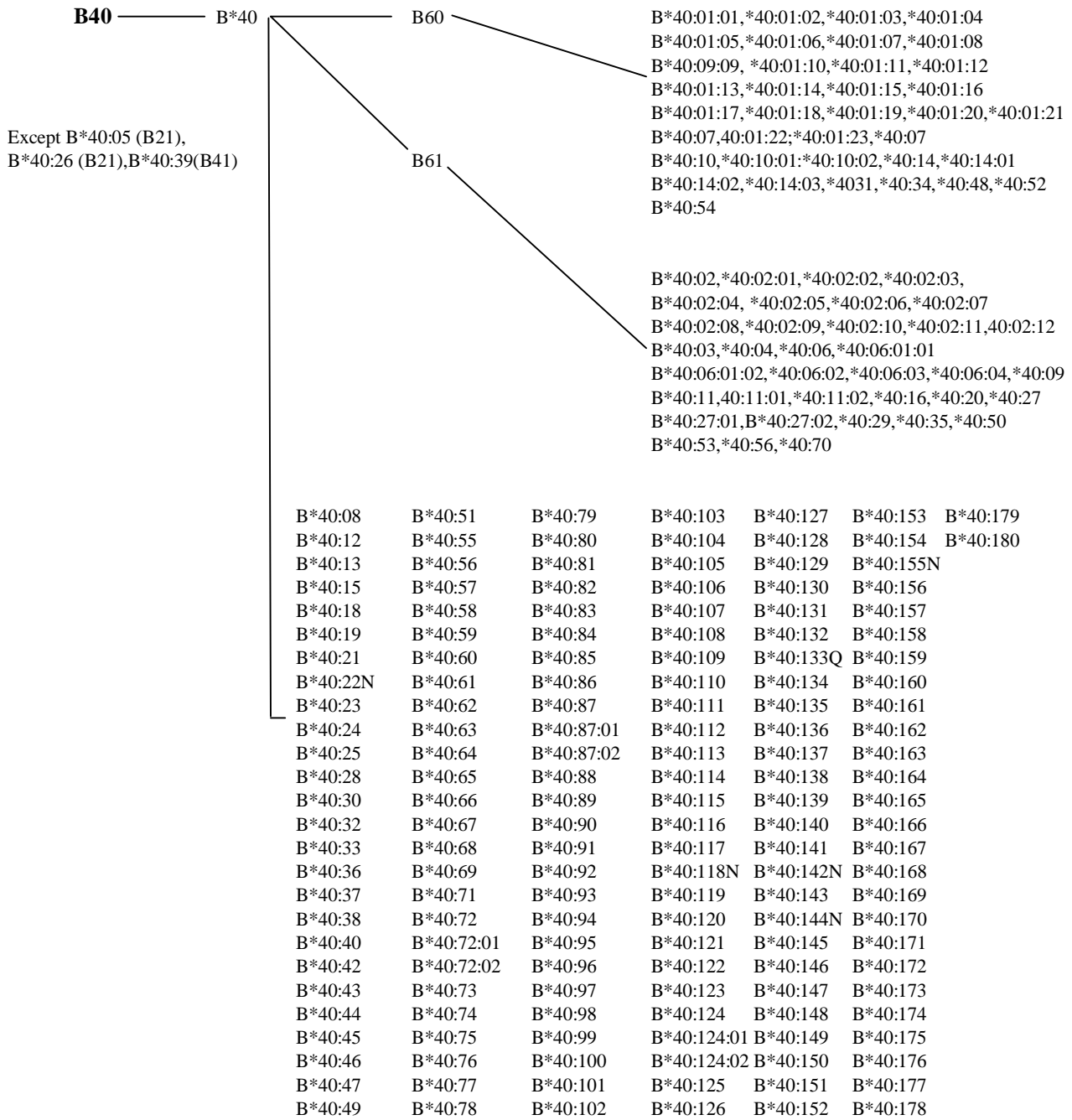


B*1304

| | | | | | | |
|---------------|------------|-----------|-----------|-----------|-----------|----------|
| B*15:01:01:02 | B*15:72 | B*15:110 | B*15:142 | B*15:173 | B*15:204 | B*15:234 |
| B*15:23 | B*15:74 | B*15:111N | B*15:143 | B*15:174 | B*15:205 | B*15:235 |
| B*15:26N | B*15:75 | B*15:112 | B*15:144 | B*15:175 | B*15:206 | B*15:236 |
| B*15:29 | B*15:76 | B*15:113 | B*15:145 | B*15:176 | B*15:207 | B*15:237 |
| B*15:33 | B*15:77 | B*15:115 | B*15:146 | B*15:177 | B*15:208 | B*15:238 |
| B*15:36 | B*15:78 | B*15:116 | B*15:147 | B*15:178 | B*15:209N | |
| B*15:38 | B*15:78:01 | B*15:117 | B*15:148 | B*15:179 | B*15:210 | |
| B*15:38:01 | B*15:78:02 | B*15:118 | B*15:149N | B*15:180 | B*15:211 | |
| B*15:38:02 | B*15:78:03 | B*15:119 | B*15:150 | B*15:181N | B*15:212 | |
| B*15:40 | B*15:79N | B*15:120 | B*15:151 | B*15:182N | B*15:213 | |
| B*15:42 | B*15:81 | B*15:121 | B*15:152 | B*15:183 | B*15:214 | |
| B*15:43 | B*15:83 | B*15:122 | B*15:153 | B*15:184 | B*15:215 | |
| B*15:44 | B*15:84 | B*15:123 | B*15:154 | B*15:185 | B*15:216 | |
| B*15:47 | B*15:85 | B*15:124 | B*15:155 | B*15:186 | B*15:217 | |
| B*15:49 | B*15:86 | B*15:125 | B*15:156 | B*15:187 | B*15:218Q | |
| B*15:50 | B*15:87 | B*15:126 | B*15:157 | B*15:188 | B*15:219 | |
| B*15:52 | B*15:88 | B*15:127 | B*15:158 | B*15:189 | B*15:221 | |
| B*15:53 | B*15:89 | B*15:128 | B*15:159 | B*15:190N | B*15:219 | |
| B*15:54 | B*15:90 | B*15:129 | B*15:160 | B*15:191 | B*15:221 | |
| B*15:55 | B*15:91 | B*15:130 | B*15:161 | B*15:192 | B*15:222 | |
| B*15:56 | B*15:92 | B*15:131 | B*15:162 | B*15:193 | B*15:223 | |
| B*15:57 | B*15:94N | B*15:132 | B*15:163 | B*15:194 | B*15:224 | |
| B*15:60 | B*15:95 | B*15:133 | B*15:164 | B*15:195 | B*15:225 | |
| B*15:61 | B*15:97 | B*15:134 | B*15:165 | B*15:196 | B*15:226N | |
| B*15:62 | B*15:98 | B*15:135 | B*15:166 | B*15:197 | B*15:227 | |
| B*15:63 | B*15:99 | B*15:136 | B*15:167 | B*15:198 | B*15:228 | |
| B*15:64 | B*15:101 | B*15:137 | B*15:168 | B*15:199 | B*15:229 | |
| B*15:65 | B*15:104 | B*15:138 | B*15:169 | B*15:200 | B*15:230 | |
| B*15:66 | B*15:105 | B*15:139 | B*15:170 | B*15:201 | B*15:231 | |
| B*15:67 | B*15:106 | B*15:140 | B*15:171 | B*15:202 | B*15:232 | |
| B*15:69 | B*15:109 | B*15:141 | B*15:172 | B*15:203 | B*15:233 | |



MATCHED '2 DIGIT BROAD' SPLITS '2 DIGIT SPL ALLELE GROUP
ON Allele OR ASSOCIATED Allele
SPECIFICITIES



B41 ——— **B*41** ——— **B*41** also B*40:39
 (default antigen – B40)

B42 ——— **B*42** ——— **B*42**
 (default antigen – B7)

B46 ——— **B*46** ——— **B*46**
 (default antigen – B15)

| MATCHED ON | '2 DIGIT BROAD' Allele | SPLITS OR ASSOCIATED SPECIFICITIES | '2 DIGIT SPL Allele | ALLELE GROUP |
|------------|------------------------|------------------------------------|---------------------|--------------|
|------------|------------------------|------------------------------------|---------------------|--------------|

B47 ————— B*47 ————— B*47 also B*44:16
 (default antigen – B27)

B48 ————— B*48 ————— B*48
 (default antigen – B40)

B53 ————— B*53 ————— B*53
 (default antigen – B5)

B59 ————— B*59 ————— B*59
 (default antigen – B8)

B67 ————— B*67 ————— B*67
 (default antigen – B22)

B70 ————— B71 ————— B*15:10,*15:10:01,*15:10:02,*15:18,*15:18:01
 B*15:18:02,*15:18:03,*15:18:04,*15:93,*15:108
 (default antigen – B35)

————— B72 ————— B*15:03, *15:03:01, *15:03:02, *15:03:03
 B*15:46

B*15:09
 B*15:37
 B*15:51
 B*15:80
 B*15:103
 B*15:114

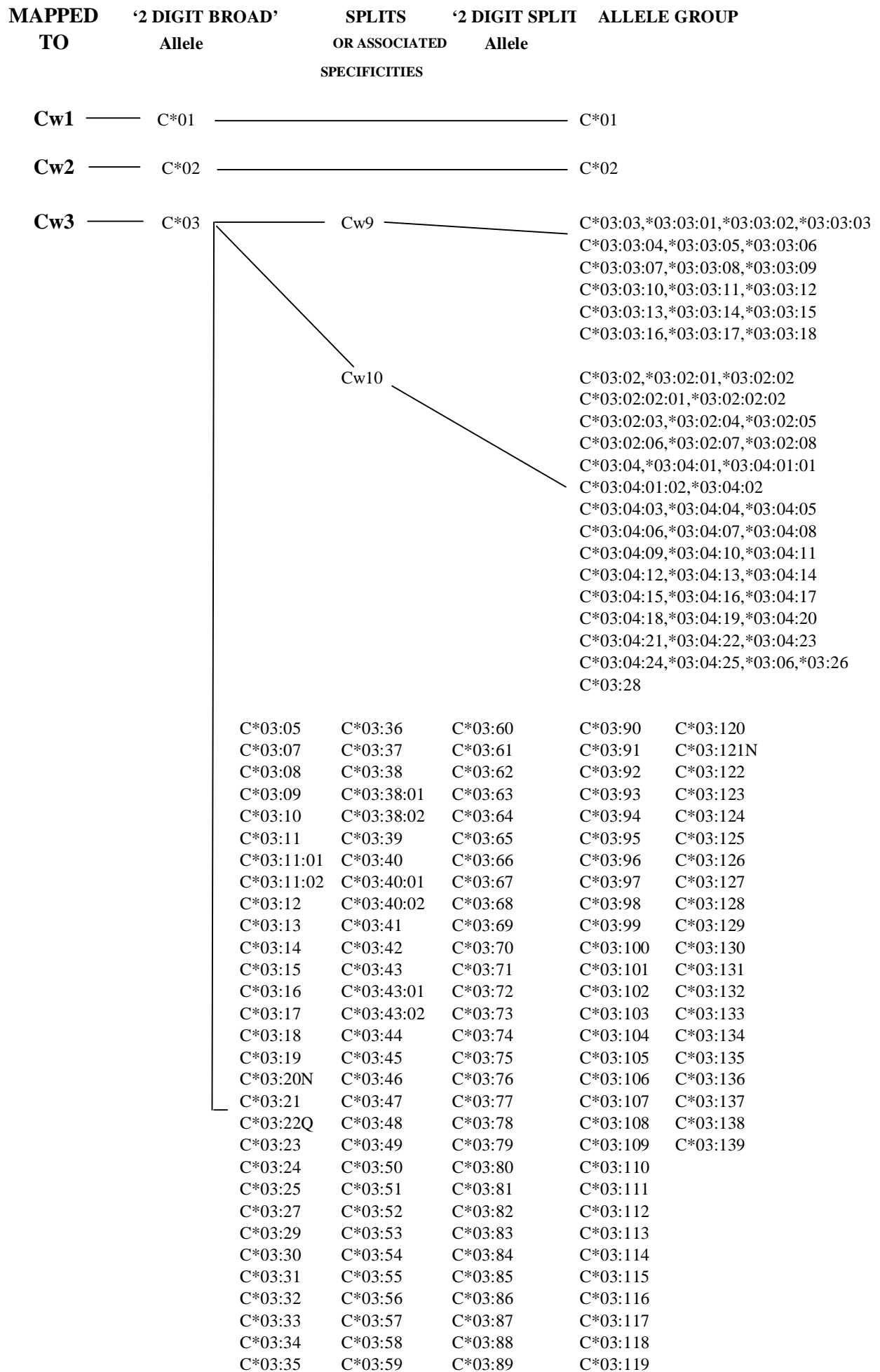
B73 ————— B*73 ————— B*73
 (default antigen - B7)

B78 ————— B*78 ————— B*78 also B*56:06
 (default antigen B35)

B81 ————— B*81 ————— B*81
 (default antigen B7)

B82 ————— B*82 ————— B*82
 (default antigen – B12)

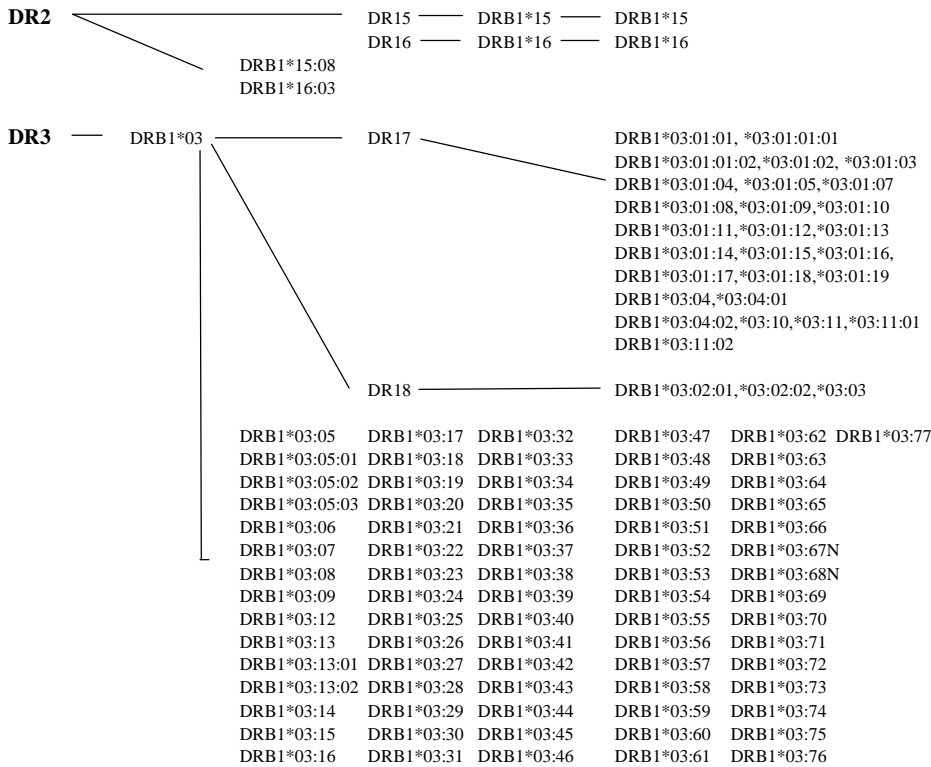
B83 ————— B*83 ————— B*83
 (default antigen – B12)



| MAPPED TO | '2 DIGIT BROAD' Allele | SPLITS OR ASSOCIATED SPECIFICITIES | '2 DIGIT SPLIT Allele | ALLELE GROUP |
|------------------|-------------------------------|---|------------------------------|---------------------|
| Cw4 | C*04 | ————— | C*04 | C*04 |
| Cw5 | C*05 | ————— | C*05 | C*05 |
| Cw6 | C*06 | ————— | C*06 | C*06 |
| Cw7 | C*07 | ————— | C*07 | C*07 |
| Cw8 | C*08 | ————— | C*08 | C*08 |
| Cw12 | C*12 | ————— | C*12 | C*12 |
| Cw14 | C*14 | ————— | C*14 | C*14 |
| Cw15 | C*15 | ————— | C*15 | C*15 |
| Cw16 | C*16 | ————— | C*16 | C*16 |
| Cw17 | C*17 | ————— | C*17 | C*17 |
| Cw18 | C*18 | ————— | C*18 | C*18 |

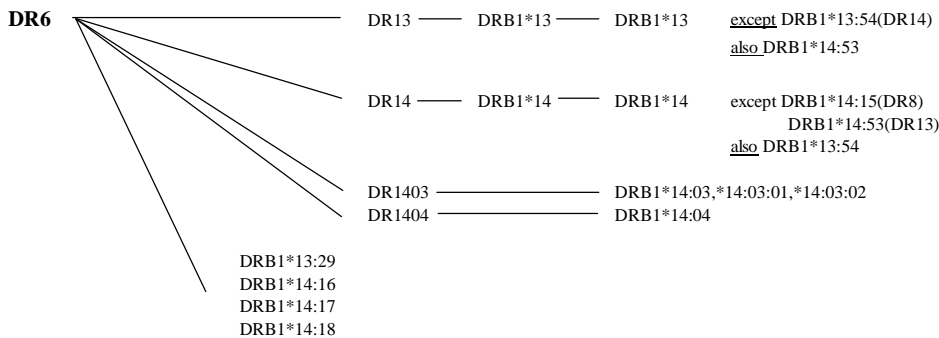
| MATCHED ON | '2 DIGIT BROAD' Allele | SPLITS OR ASSOCIATED SPECIFICITIES | '2 DIGIT SPLIT' Allele | ALLELE GROUP |
|-------------------|-------------------------------|---|-------------------------------|---------------------------|
| DR1 | DRB1*01 | | DRB1*01 | DRB1*01 except DRB1*01:03 |

DR103: DRB1*01:03
(default antigen – DR1)



DR4 — DRB1*04 — DRB1*04

DR5 — DRB1*11 — DRB1*11 also DRB1*08:31
DRB1*12 — DRB1*12 — DRB1*12



| MATCHED ON | '2 DIGIT BROAD' Allele | SPLITS OR ASSOCIATED SPECIFICITIES | '2 DIGIT SPLIT' Allele | ALLELE GROUP |
|-------------------|-------------------------------|---|-------------------------------|---------------------|
|-------------------|-------------------------------|---|-------------------------------|---------------------|

DR7 — DRB1*07 — DRB1*07

DR8 — DRB1*08 — DRB1*08 except DRB1*08:31(DR11)
also DRB1*14:15

DR9 — DRB1*09 — DRB1*09
(default antigen – DR4)

DR10 — DRB1*10 — DRB1*10
(default antigen – DR1)

**MAPPED
TO**

ALLELE GROUP

