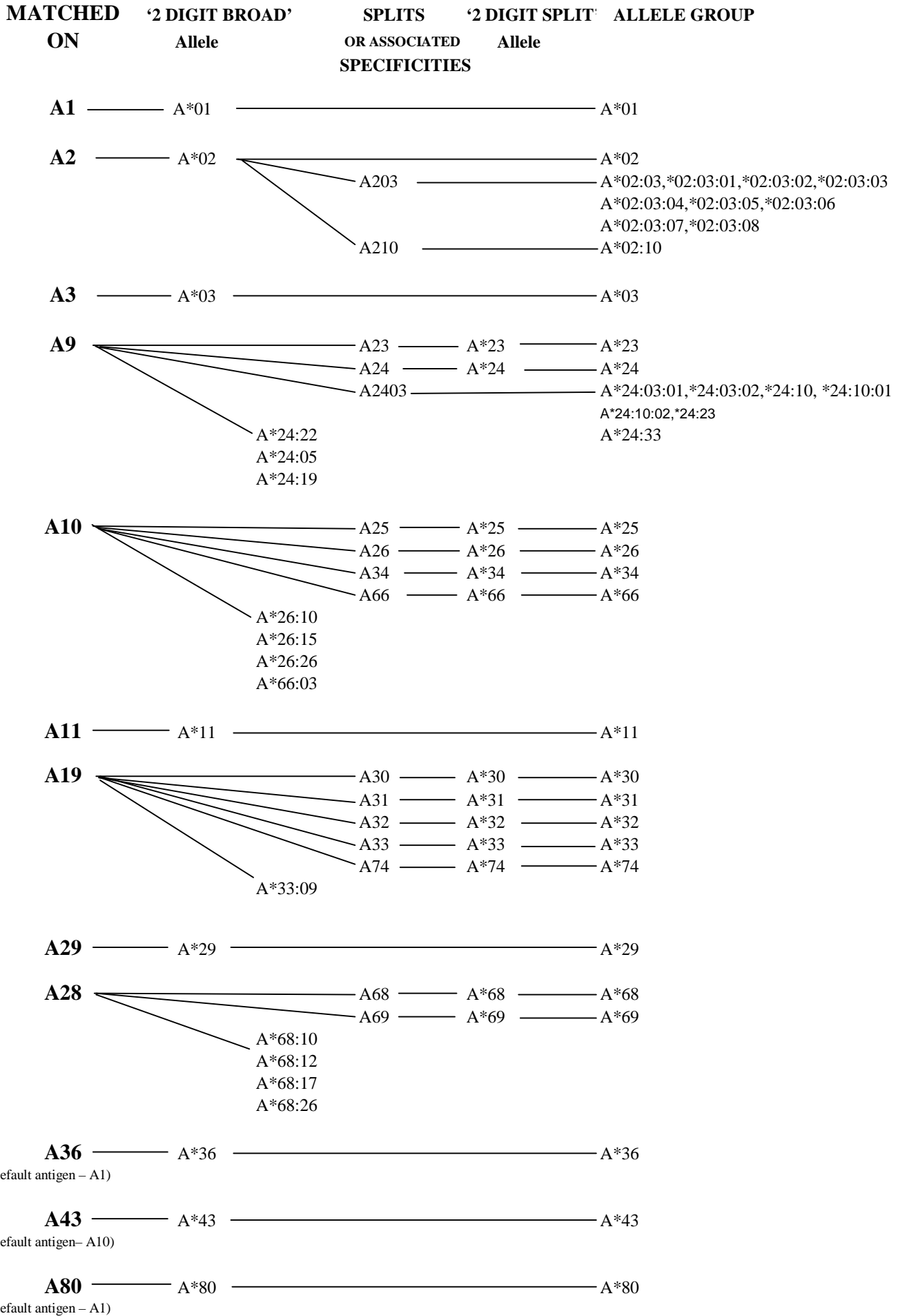


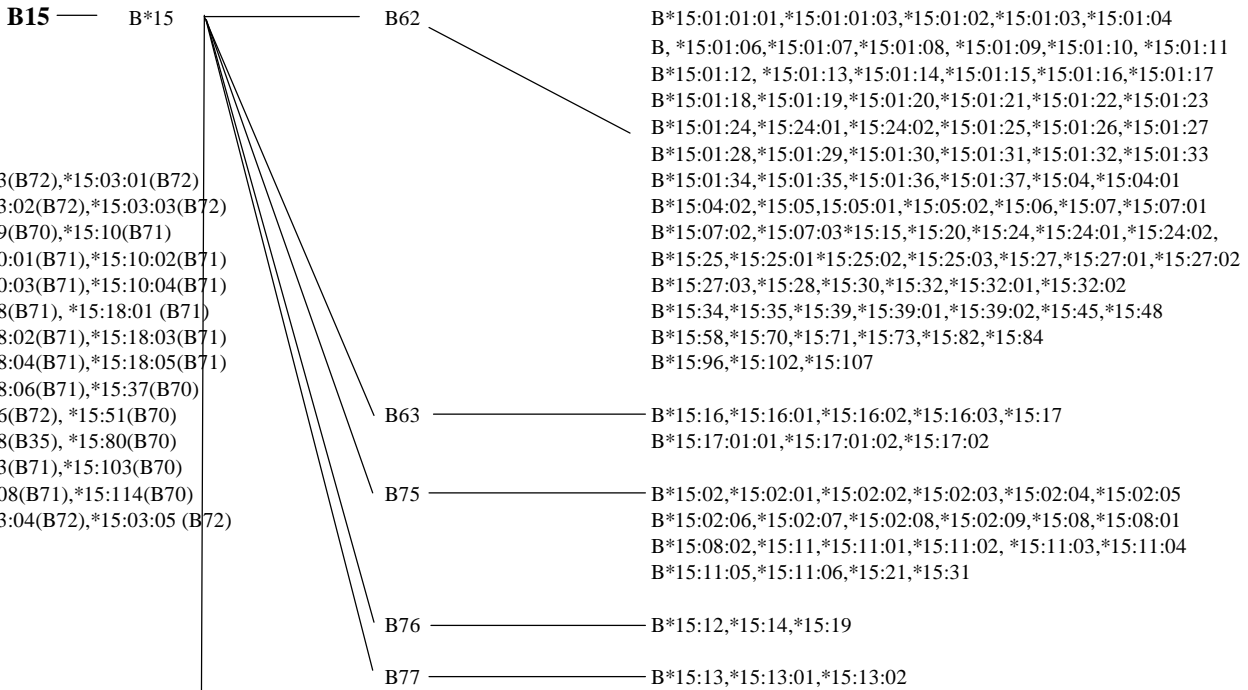
NATIONAL TRANSPLANT DATABASE

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



Except

- B*15:03(B72),*15:03:01(B72)
- B*15:03:02(B72),*15:03:03(B72)
- B*15:09(B70),*15:10(B71)
- B*15:10:01(B71),*15:10:02(B71)
- B*15:10:03(B71),*15:10:04(B71)
- B*15:18(B71), *15:18:01 (B71)
- B*15:18:02(B71),*15:18:03(B71)
- B*15:18:04(B71),*15:18:05(B71)
- B*15:18:06(B71),*15:37(B70)
- B*15:46(B72), *15:51(B70)
- B*15:68(B35), *15:80(B70)
- B*15:93(B71),*15:103(B70)
- B*15:108(B71),*15:114(B70)
- B*15:03:04(B72),*15:03:05 (B72)

B*1304

B*15:01:01:02	B*15:78	B*15:123	B*15:161	B*15:197	B*15:234	B*15:272N	B*15:307
B*15:23	B*15:78:01	B*15:124	B*15:162	B*15:198	B*15:235	B*15:273	B*15:308
B*15:26N	B*15:78:02	B*15:125	B*15:163	B*15:199	B*15:236	B*15:274	B*15:309
B*15:29	B*15:78:03	B*15:126	B*15:164	B*15:200	B*15:237	B*15:275	B*15:310
B*15:33	B*15:79N	B*15:127	B*15:165	B*15:201	B*15:238	B*15:276	B*15:311
B*15:36	B*15:81	B*15:128	B*15:166	B*15:202	B*15:239	B*15:277	B*15:312
B*15:38	B*15:83	B*15:129	B*15:167	B*15:203	B*15:240	B*15:278	B*15:313
B*15:38:01	B*15:84	B*15:130	B*15:168	B*15:204	B*15:241	B*15:279	B*15:314
B*15:38:02	B*15:85	B*15:131	B*15:169	B*15:205	B*15:242	B*15:280	B*15:315
B*15:40	B*15:86	B*15:132	B*15:170	B*15:206	B*15:243	B*15:281	B*15:316
B*15:42	B*15:87	B*15:133	B*15:171	B*15:207	B*15:244	B*15:282	B*15:317
B*15:43	B*15:88	B*15:134	B*15:172	B*15:208	B*15:245Q	B*15:283	B*15:318
B*15:44	B*15:89	B*15:135	B*15:173	B*15:209N	B*15:246N	B*15:284	B*15:319
B*15:47	B*15:90	B*15:136	B*15:174	B*15:210	B*15:247	B*15:285	B*15:320
B*15:47:01	B*15:91	B*15:137	B*15:175	B*15:211	B*15:248	B*15:286	B*15:321Q
B*15:47:02	B*15:92	B*15:138	B*15:176	B*15:212	B*15:249	B*15:287	B*15:322
B*15:49	B*15:94N	B*15:139	B*15:177	B*15:213	B*15:250	B*15:288	B*15:323
B*15:50	B*15:95	B*15:140	B*15:178	B*15:214	B*15:251	B*15:289	B*15:324
B*15:52	B*15:97	B*15:141	B*15:179	B*15:215	B*15:252	B*15:290	B*15:325
B*15:53	B*15:98	B*15:142	B*15:179:01	B*15:216	B*15:253	B*15:291	B*15:326
B*15:54	B*15:99	B*15:143	B*15:179:02	B*15:217	B*15:254	B*15:292	B*15:327
B*15:55	B*15:101	B*15:144	B*15:180	B*15:218Q	B*15:255	B*15:293	B*15:328
B*15:56	B*15:104	B*15:145	B*15:181N	B*15:219	B*15:256	B*15:294N	B*15:329
B*15:57	B*15:105	B*15:146	B*15:182N	B*15:221	B*15:257	B*15:295	B*15:330
B*15:60	B*15:106	B*15:147	B*15:183	B*15:219	B*15:258N	B*15:296	B*15:331
B*15:61	B*15:109	B*15:148	B*15:184	B*15:221	B*15:259	B*15:297	B*15:332
B*15:62	B*15:110	B*15:149N	B*15:185	B*15:222	B*15:260	B*15:298	B*15:333
B*15:63	B*15:111N	B*15:150	B*15:186	B*15:223	B*15:261	B*15:299	B*15:334
B*15:64	B*15:112	B*15:151	B*15:187	B*15:224	B*15:262N	B*15:300	B*15:335
B*15:65	B*15:113	B*15:152	B*15:188	B*15:225	B*15:263	B*15:301	B*15:336
B*15:66	B*15:115	B*15:153	B*15:189	B*15:226N	B*15:264	B*15:302N	B*15:337
B*15:67	B*15:116	B*15:154	B*15:190N	B*15:227	B*15:265	B*15:303	B*15:338
B*15:69	B*15:117	B*15:155	B*15:191	B*15:228	B*15:266	B*15:304N	B*15:339
B*15:72	B*15:118	B*15:156	B*15:192	B*15:229	B*15:267	B*15:305	
B*15:74	B*15:119	B*15:157	B*15:193	B*15:230	B*15:268	B*15:305	
B*15:75	B*15:120	B*15:158	B*15:194	B*15:231	B*15:269	B*15:305	
B*15:76	B*15:121	B*15:159	B*15:195	B*15:232	B*15:270	B*15:305	
B*15:77	B*15:122	B*15:160	B*15:196	B*15:233	B*15:271	B*15:306	

MATCHED ON	'2 DIGIT BROAD' Allele	SPLITS OR ASSOCIATED SPECIFICITIES	'2 DIGIT SPL Allele	ALLELE GROUP
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B16	—————	B38	—————	B*38	—————	B*38
	—————	B39	—————	B*39	—————	B*39
	—————	B3901	—————	B*39:01:01, *39:01:01:01, *39:01:01:02L, *39:01:01:03 B*39:01:03, *39:01:04, *39:01:05, *39:01:06 B*39:01:07, *39:01:08, *39:01:09, *39:01:10 B*39:01:11, *39:01:12, *39:01:13, *39:01:14, *39:01:15, *39:01:16 B*39:01:17, *39:01:18, *39:01:19, *39:01:20, *39:01:21, *39:01:22		
	—————	B3902	—————	B*39:02:01, *39:02:02		
	—————	B*38:03 B*38:09				

B17	—————	B57	—————	B*57	—————	B*57
	—————	B58	—————	B*58	—————	B*58
	—————	B*58:08 B*58:08:01 B*58:08:02				

B18	—————	B*18	—————	B*18
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B21	—————	B49	—————	B*49	—————	B*49
	—————	B50	—————	B*50	except B*50:02 (B12)	
	—————	B4005	—————	B*40:05		
	—————	B*40:26 B*44:42				

B22	—————	B54	—————	B*54	—————	B*54 also B*55:07
	—————	B55	—————	B*55	except B*55:07 (B54), *55:08(B56) also B*56:10, *56:12	
	—————	B56	—————	B*56	except B*56:06 (B78), *56:10(B55) B*56:12 Also B*55:08	
	—————	B*55:05 B*56:03 B*55:09 B*55:12 B*55:16				

B27	—————	B*27	—————	B*27
	—————	B2708	—————	B*27:08

B35	—————	B*35	—————	B*35 also B*15:68
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B37	—————	B*37	—————	B*37
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MATCHED '2 DIGIT BROAD' SPLITS '2 DIGIT SPL ALLELE GROUP
ON Allele OR ASSOCIATED Allele
SPECIFICITIES

B40 ——— **B*40**

B60

B61

Except B*40:05 (B21),
 B*40:26 (B21),B*40:39(B41)

B*40:01:01,*40:01:02,*40:01:03,*40:01:04,*40:01:05,*40:01:06
 B**40:01:07,*40:01:08,*40:09:09,*40:01:10,*40:01:11,*40:01:12
 B*40:01:13,*40:01:14,*40:01:15,*40:01:16,*40:01:17,*40:01:18
 B*40:01:19,*40:01:20,*40:01:21,*40:01:22,*40:01:23,*40:01:24
 B**40:01:25,*40:01:26,*40:01:27,*40:01:28,*40:01:29,*40:01:30
 B**40:01:31,*40:01:32,*40:01:33,*40:01:34,*40:01:35,*40:01:36
 B*40:01:37,*40:01:38,*40:01:39,*40:01:40,*40:07,*40:10,*40:10:01
 B*40:10:02,*40:14,*40:14:01,*40:14:02,*40:14:03,*40:31
 B*40:34,*40:48,*40:52,*40:54

B*40:02,*40:02:01,*40:02:02,*40:02:03,*40:02:04,*40:02:05,
 B*40:02:06,*40:02:07,*40:02:08,*40:02:09,*40:02:10,*40:02:11
 B*40:02:12,*40:02:13,*40:02:14,*40:02:15,*40:02:16,*40:02:17
 B*40:02:18,*40:02:19,*40:02:20,*40:02:22,*40:02:23,*40:03
 B*40:04,*40:06,*40:06:01,*40:06:01,*40:06:02,*40:06:03,*40:06:04
 B*40:06:05,*40:06:06,*40:06:07,*40:06:08,*40:09,*40:11,*40:06:09
 B*40:06:10,*40:06:11,*40:11:01,*40:11:02,*40:16,*40:20,*40:27
 B*40:27:01,*40:27:02,*40:29,*40:35,*40:35:01,*40:35:02,*40:50
 B*40:53,*40:56,*40:70,*40:70:01,*40:70:02

B*40:08	B*40:71	B*40:109	B*40:147	B*40:186	B*40:228	B*40:270
B*40:12	B*40:72	B*40:110	B*40:148	B*40:187	B*40:229	B*40:271
B*40:13	B*40:72:01	B*40:111	B*40:149	B*40:188	B*40:230	B*40:272
B*40:15	B*40:72:02	B*40:112	B*40:150	B*40:189	B*40:231	B*40:273
B*40:18	B*40:73	B*40:113	B*40:151	B*40:190	B*40:232	B*40:274
B*40:19	B*40:74	B*40:114	B*40:152	B*40:191	B*40:233	B*40:275
B*40:21	B*40:75	B*40:114:01	B*40:153	B*40:192	B*40:234	B*40:276
B*40:22N	B*40:76	B*40:114:02	B*40:154	B*40:193	B*40:235	B*40:277
B*40:23	B*40:77	B*40:115	B*40:155N	B*40:194	B*40:236	B*40:278
B*40:24	B*40:78	B*40:116	B*40:155:01N	B*40:195	B*40:237	B*40:279
B*40:25	B*40:79	B*40:117	B*40:155:02N	B*40:196	B*40:238	B*40:280
B*40:28	B*40:80	B*40:118N	B*40:163	B*40:197	B*40:239	B*40:281
B*40:30	B*40:81	B*40:119	B*40:164	B*40:198	B*40:240	B*40:282
B*40:32	B*40:82	B*40:120	B*40:165	B*40:199	B*40:241	B*40:283
B*40:33	B*40:83	B*40:121	B*40:166	B*40:200	B*40:242	B*40:284
B*40:36	B*40:84	B*40:122	B*40:167	B*40:201	B*40:243	B*40:285
B*40:37	B*40:85	B*40:123	B*40:168	B*40:202	B*40:244	B*40:286
B*40:38	B*40:86	B*40:124	B*40:169	B*40:203	B*40:245	B*40:287
B*40:40	B*40:87	B*40:124:01	B*40:170	B*40:204	B*40:246	B*40:288
B*40:42	B*40:87:01	B*40:124:02	B*40:171	B*40:205	B*40:247	B*40:289
B*40:43	B*40:87:02	B*40:125	B*40:172	B*40:206	B*40:248	B*40:290
B*40:44	B*40:88	B*40:126	B*40:173	B*40:207	B*40:249	B*40:291N
B*40:45	B*40:89	B*40:127	B*40:174	B*40:208	B*40:250	B*40:292
B*40:46	B*40:90	B*40:128	B*40:175	B*40:209	B*40:251	B*40:293
B*40:47	B*40:91	B*40:129	B*40:176	B*40:210	B*40:252	B*40:294
B*40:49	B*40:92	B*40:130	B*40:177	B*40:211	B*40:253	B*40:295
B*40:51	B*40:93	B*40:130:01	B*40:178	B*40:212	B*40:254	B*40:296
B*40:55	B*40:94	B*40:130:02	B*40:179	B*40:213	B*40:255	
B*40:56	B*40:95	B*40:131	B*40:157	B*40:214	B*40:256N	
B*40:57	B*40:96	B*40:132	B*40:158	B*40:215	B*40:257	
B*40:58	B*40:97	B*40:133Q	B*40:159	B*40:216N	B*40:258	
B*40:59	B*40:98	B*40:134	B*40:160	B*40:217	B*40:259	
B*40:60	B*40:99	B*40:135	B*40:160:01	B*40:218	B*40:260	
B*40:61	B*40:100	B*40:136	B*40:160:02	B*40:219	B*40:261	
B*40:62	B*40:101	B*40:137	B*40:161	B*40:220	B*40:262	
B*40:63	B*40:102	B*40:138	B*40:162	B*40:221	B*40:263N	
B*40:64	B*40:103	B*40:139	B*40:180	B*40:222	B*40:264	
B*40:65	B*40:104	B*40:140	B*40:181	B*40:223	B*40:265N	
B*40:66	B*40:105	B*40:141	B*40:182	B*40:224	B*40:266	
B*40:67	B*40:106	B*40:142N	B*40:183	B*40:225	B*40:267	
B*40:68	B*40:107	B*40:143	B*40:184	B*40:226	B*40:268	
B*40:69	B*40:108	B*40:144N	B*40:185	B*40:227	B*40:269	
		B*40:145				
		B*40:146				

MATCHED ON	'2 DIGIT BROAD' Allele	SPLITS OR ASSOCIATED SPECIFICITIES	'2 DIGIT SPL Allele	ALLELE GROUP
(default antigen – B40)	B41	—————	B*41	————— B*41 also B*40:39
(default antigen – B7)	B42	—————	B*42	————— B*42
(default antigen – B15)	B46	—————	B*46	————— B*46
(default antigen – B27)	B47	—————	B*47	————— B*47 also B*44:16
(default antigen – B40)	B48	—————	B*48	————— B*48
(default antigen – B5)	B53	—————	B*53	————— B*53
(default antigen – B8)	B59	—————	B*59	————— B*59
(default antigen – B22)	B67	—————	B*67	————— B*67
(default antigen – B35)	B70	————— B71 ————— B*15:10,*15:10:01,*15:10:02,*15:10:03,*15:18,*15:18:01 B*15:18:02,*15:18:03,*15:18:04,*15:18:05,*15:18:06,*15:93 B*15:108 ————— B72 ————— B*15:03, *15:03:01, *15:03:02, *15:03:03, *15:03:04,*15:03:05 B*15:46 B*15:09 B*15:37 B*15:51 B*15:80 B*15:103 B*15:114		
(default antigen - B7)	B73	—————	B*73	————— B*73
(default antigen B35)	B78	—————	B*78	————— B*78 also B*56:06
(default antigen B7)	B81	—————	B*81	————— B*81
(default antigen – B12)	B82	—————	B*82	————— B*82
(default antigen – B12)	B83	—————	B*83	————— B*83

MAPPED '2 DIGIT BROAD' SPLITS '2 DIGIT SPL' ALLELE GROUP
TO Allele OR ASSOCIATE Allele
SPECIFICITIES

Cw1 — C*01 ————— C*01

Cw2 — C*02 ————— C*02

Cw3 — C*03 ————— Cw9 ————— C*03:03,*03:03:01,*03:03:02,*03:03:03,*03:03:04,
 C*03:03:05,*03:03:06,*03:03:07,*03:03:08,*03:03:09
 C*03:03:10,*03:03:11,*03:03:12,*03:03:13,*03:03:14
 C*03:03:15,*03:03:16,*03:03:17,*03:03:18,*03:03:19
 C*03:03:20,*03:03:21,*03:03:22,*03:03:23,*03:03:24
 C*03:03:25,*03:03:26,*03:03:27

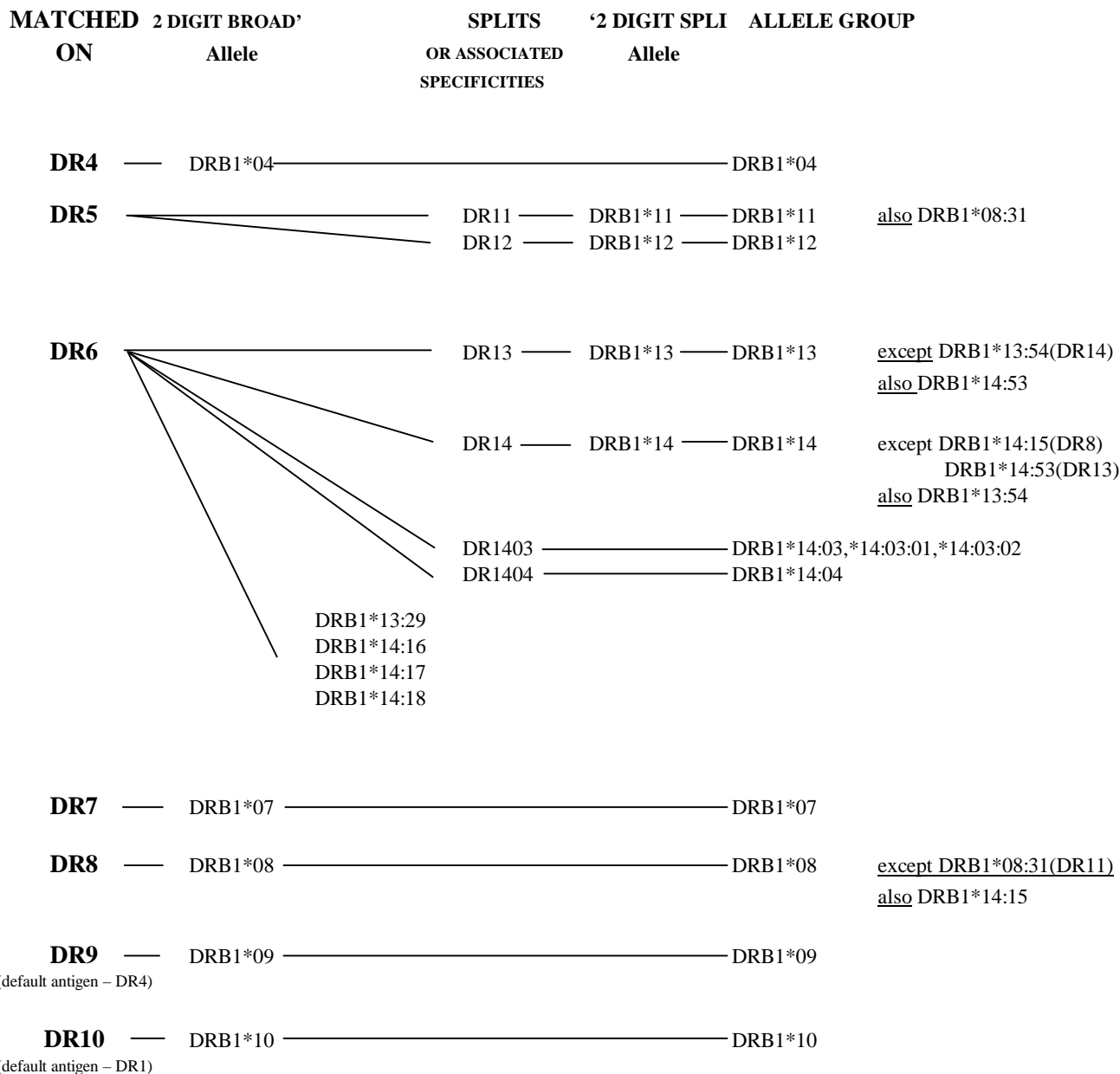
Cw10 ————— C*03:02,*03:02:01,*03:02:02,*03:02:02:01,*03:02:02:02
 C*03:02:02:03,*03:02:03,*03:02:04,*03:02:05
 C*03:02:06,*03:02:07,*03:02:08,*03:02:09,*03:02:10
 C*03:02:11,*03:02:12,*03:02:13
 C*03:04,*03:04:01,*03:04:01:01,*03:04:01:02,*03:04:02
 C*03:04:03,*03:04:04,*03:04:05,*03:04:06,*03:04:07
 C*03:04:08,*03:04:09,*03:04:10,*03:04:11,*03:04:12
 C*03:04:13,*03:04:14,*03:04:15,*03:04:16,*03:04:17
 C*03:04:15,*03:04:16,*03:04:17,*03:04:18,*03:04:19
 C*03:04:20,*03:04:21,*03:04:22,*03:04:23,*03:04:24
 C,*03:04:25,*03:04:26,*03:04:27,*03:04:28,*03:04:29
 C*03:04:30,*03:04:31,*03:04:32,*03:04:33,*03:04:34
 C*03:04:35,*03:04:36,*03:04:37,*03:04:38,*03:04:39
 C*03:04:40,*03:04:41,*03:04:42,*03:04:43,*03:04:44
 C*_3:04:45,*03:04:46,*03:06,*03:26,*03:28

C*03:05	C*03:27	C*03:44	C*03:67	C*03:92	C*03:116:01
C*03:07	C*03:29	C*03:45	C*03:68	C*03:93	C*03:116:02
C*03:08	C*03:30	C*03:46	C*03:69	C*03:94	C*03:117
C*03:09	C*03:31	C*03:47	C*03:70	C*03:95	C*03:118
C*03:10	C*03:32	C*03:48	C*03:71	C*03:96	C*03:119
C*03:11	C*03:33	C*03:49	C*03:72	C*03:97	C*03:120
C*03:11:01	C*03:34	C*03:50	C*03:73	C*03:98	C*03:121N
C*03:11:02	C*03:35	C*03:51	C*03:74	C*03:99	C*03:122
C*03:12	C*03:36	C*03:52	C*03:75	C*03:100	C*03:123
C*03:13	C*03:37	C*03:53	C*03:76	C*03:101	C*03:124
C*03:13:01	C*03:37:01	C*03:54	C*03:77	C*03:102	C*03:125
C*03:13:02	C*03:37:02	C*03:55	C*03:78	C*03:103	C*03:126
C*03:14	C*03:38	C*03:56	C*03:79	C*03:104	C*03:127
C*03:15	C*03:38:01	C*03:57	C*03:80	C*03:105	C*03:128
C*03:16	C*03:38:02	C*03:58	C*03:81	C*03:106	C*03:129
C*03:17	C*03:39	C*03:59	C*03:82	C*03:107	C*03:130
C*03:18	C*03:40	C*03:60	C*03:83	C*03:108	C*03:131
C*03:18:01	C*03:40:01	C*03:61	C*03:84	C*03:109	C*03:132
C*03:18:02	C*03:40:02	C*03:62	C*03:85	C*03:110	C*03:133
C*03:19	C*03:40:03	C*03:63	C*03:86	C*03:111	C*03:134
C*03:20N	C*03:41	C*03:64	C*03:87	C*03:112	C*03:135
C*03:21	C*03:42	C*03:64:01	C*03:88	C*03:113	C*03:136
C*03:22Q	C*03:43	C*03:64:02	C*03:89	C*03:114	C*03:137
C*03:23	C*03:43:01	C*03:65	C*03:90	C*03:115	C*03:138
C*03:24	C*03:43:02	C*03:66	C*03:91	C*03:116	C*03:139
C*03:25			C*03:91:01		
			C*03:91:02		

cont'd

MAPPED TO	'2 DIGIT BROAD' Allele	SPLITS OR ASSOCIATE	'2 DIGIT SPL' Allele	ALLELE GROUP
Cw3 cont'd	C*03	SPECIFICITIES		
		C*03:140	C*03:196	C*03:252
		C*03:141	C*03:197	C*03:253
		C*03:142	C*03:198	C*03:254
		C*03:143	C*03:199	C*03:255
		C*03:144	C*03:200	C*03:256
		C*03:145	C*03:201N	C*03:257
		C*03:146	C*03:202	C*03:258
		C*03:147	C*03:203	C*03:259
		C*03:148	C*03:204	C*03:260
		C*03:149	C*03:205	C*03:261
		C*03:150	C*03:206	C*03:262
		C*03:151	C*03:207	C*03:263
		C*03:152	C*03:208N	C*03:264
		C*03:153	C*03:209	C*03:265
		C*03:154	C*03:210	C*03:266
		C*03:155	C*03:211	C*03:267
		C*03:156	C*03:211:01	C*03:268
		C*03:157	C*03:211:02	C*03:269
		C*03:158	C*03:212	C*03:270
		C*03:159	C*03:213	
		C*03:160	C*03:214	
		C*03:161	C*03:215	
		C*03:162	C*03:216	
		C*03:163	C*03:217	
		C*03:164	C*03:218	
		C*03:165	C*03:219	
		C*03:166	C*03:220	
		C*03:167	C*03:221	
		C*03:168	C*03:222	
		C*03:169Q	C*03:223	
		C*03:170	C*03:224N	
		C*03:171	C*03:225	
		C*03:172	C*03:226	
		C*03:173	C*03:227	
		C*03:174	C*03:228	
		C*03:175	C*03:229N	
		C*03:176	C*03:230	
		C*03:177	C*03:231	
		C*03:178	C*03:232	
		C*03:179	C*03:233	
		C*03:180	C*03:234	
		C*03:181	C*03:235	
		C*03:182	C*03:236	
		C*03:183	C*03:237	
C*03:184	C*03:238			
C*03:185	C*03:239			
C*03:186	C*03:240			
C*03:186:0	C*03:241			
C*03:186:0	C*03:242			
C*03:187	C*03:243			
C*03:188	C*03:244Q			
C*03:189N	C*03:245			
C*03:190	C*03:246			
C*03:191	C*03:247			
C*03:192	C*03:248			
C*03:193	C*03:249			
C*03:194	C*03:250			
C*03:195	C*03:251			

MAPPED TO	'2 DIGIT BROAD' Allele	SPLITS OR ASSOCIATE SPECIFICITIES	'2 DIGIT SPL' 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



**MAPPED
TO**

ALLELE GROUP

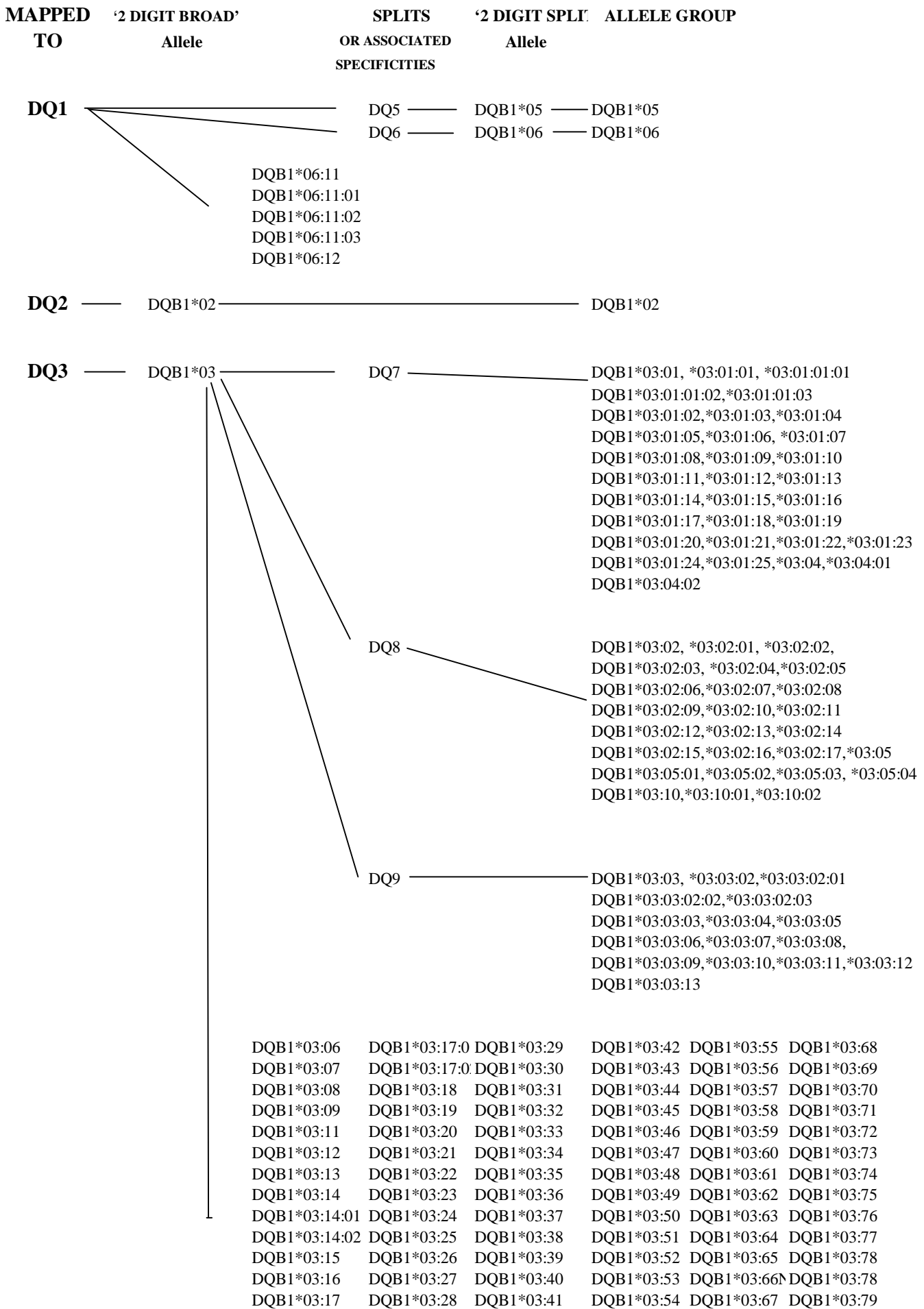
DR51 ————— DRB5*01 except Null alleles
————— DRB5*02 except Null alleles

DR51 Null ————— DRB5*01:08N,* 01:10N

DR52 ————— DRB3*01
————— DRB3*02
————— DRB3*03

DR53 ————— DRB4*01 except Null alleles
————— DRB4*02 except Null alleles

DR53 Null ————— DRB4*01:03:01:02N, *02:01N
————— DRB4*03:01N



cont'd

MAPPED	'2 DIGIT BROAD'	SPLITS	'2 DIGIT SPLI	ALLELE GROUP
TO	Allele	OR ASSOCIATED	Allele	
		SPECIFICITIES		

DQ3 ——— DQB1*03
 cont'd

DQB1*03:80	DQB1*03:107	DQB1*03:134	DQB1*03:161
DQB1*03:81	DQB1*03:108	DQB1*03:135	DQB1*03:162
DQB1*03:82	DQB1*03:109	DQB1*03:136	DQB1*03:163
DQB1*03:83	DQB1*03:110	DQB1*03:137	DQB1*03:164
DQB1*03:84N	DQB1*03:111	DQB1*03:138	DQB1*03:165
DQB1*03:85	DQB1*03:112	DQB1*03:139	
DQB1*03:86	DQB1*03:113	DQB1*03:140	
DQB1*03:87	DQB1*03:114	DQB1*03:141	
DQB1*03:88	DQB1*03:115	DQB1*03:142	
DQB1*03:89	DQB1*03:116	DQB1*03:143	
DQB1*03:90N	DQB1*03:117	DQB1*03:144	
DQB1*03:91Q	DQB1*03:118	DQB1*03:145	
DQB1*03:92	DQB1*03:119	DQB1*03:146	
DQB1*03:93	DQB1*03:120	DQB1*03:147	
DQB1*03:94	DQB1*03:121	DQB1*03:148	
DQB1*03:95N	DQB1*03:122	DQB1*03:149	
DQB1*03:96	DQB1*03:123	DQB1*03:150	
DQB1*03:97	DQB1*03:124	DQB1*03:151	
DQB1*03:98	DQB1*03:125	DQB1*03:152	
DQB1*03:99Q	DQB1*03:126	DQB1*03:153	
DQB1*03:100	DQB1*03:127	DQB1*03:154	
DQB1*03:101	DQB1*03:128	DQB1*03:155	
DQB1*03:102	DQB1*03:129	DQB1*03:156	
DQB1*03:103	DQB1*03:130	DQB1*03:157	
DQB1*03:104	DQB1*03:131	DQB1*03:158	
DQB1*03:105	DQB1*03:132	DQB1*03:159	
DQB1*03:106	DQB1*03:133	DQB1*03:160	

DQ4 ————— DQB1*04 ————— DQB1*04