

INTERPRETATION TABLE

DR low resolution SSP typing

Amplification patterns of the DRB1*01:01 to DRB1*10:03 alleles

		Well ⁴															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.		205	200	200	210	120	80	85	100	235	170	85	205	100	85	215	195
PCR product(s)		255		215		220	210	210	175		250	180		170	105		215
											215	135					
Length of int. pos. control ¹		515	430	430	430	430	430	430	430	430	515	430	430	430	430	430	430
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ²	ser ³																
*01:01:01-01:02:05, 01:04-01:37	DR1, Null, -	1															
*01:03	DR1/103		2														
*03:01:01-01:03:01:14, 03:04:01-03:05:03, 03:09, 03:11:01-03:11:02, 03:13:01-03:16, 03:18-03:20, 03:22-03:23, 03:25, 03:28, 03:30, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:59, 03:61-03:63	DR3, DR17, -					5	6										
*03:02:01-03:03, 03:27, 03:38, 03:53	DR3, DR18, -					5		7									
*03:06, 03:26, 03:31, 03:60	DR3, -					5	6										
*03:07, 03:21, 03:24, 03:32, 03:39-03:40, 03:49	DR3, -					5											
*03:08, 03:65	DR3, -					5	6					11		13			
*03:10	DR3					5	6										
*03:12	DR3					5	6										
*03:17, 03:35, 03:41	DR3, -					5											
*03:29	DR3					5		7									
*03:42	-					5											
*03:46, 03:64	-					5	6										
*04:01:01-04:11, 04:13-04:17:02, 04:19-04:24, 04:26-04:57, 04:59-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:102	DR3, DR4, Null, -									8							
*04:12, 04:18, 04:25, 04:58	DR4									8							
*04:62, 04:69, 04:73	DR4, -									8							
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ²	ser ³																
*07:01:01:01-07:01:04, 07:03-07:21	DR7, Null, -									9							
*08:01:01-08:02:04, 08:05, 08:16, 08:24, 08:26, 08:39, 08:42-08:44	DR8, -										10						16
*08:03:02, 08:13, 08:18, 08:23, 08:27, 08:29-08:30:03, 08:33, 08:36, 08:38, 08:46-08:48	DR8, -										10						
*08:04:01, 08:04:04-08:04:05, 08:04:07, 08:06, 08:22	DR8, -										10						16
*08:04:02-08:04:03	DR8										10						16
*08:04:06	-										10						16
*08:07, 08:11	DR8										10						16
*08:08	DR8										10						16
*08:09	DR8										10						16
*08:10, 08:12, 08:14	DR8										10						
*08:15, 08:19, 08:25, 08:34	DR8, -										10						
*08:17	DR8										10						16
*08:20	-															15	16
*08:21	DR8										10					15	16
*08:28	DR8										10						16
*08:31, 08:41	DR8, DR11, -										10			13			16
*08:32	-										10			14			
*08:35	-										10						
*08:37, 08:45	-										10						
*08:40	-						6				10						
*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:16	DR9, -											11					
*09:01:06, 09:03	DR9											11					
*10:01:01-10:03	DR10, -												12				
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ²	ser ³																
*11:01:01-11:01:06, 11:01:08-11:01:15, 11:04:01-11:04:08, 11:06:01-11:06:02, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:29, 11:32-11:33, 11:35, 11:38-11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01-11:49:02, 11:51, 11:54:01-11:54:02, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102, 11:106, 11:108-11:113	DR11, -													13		15	16
*11:01:07, 11:30, 11:37, 11:50, 11:56, 11:88	DR11, -													13		15	16
*11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:21, 11:36, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:80, 11:85-11:87, 11:93	DR11, -						6							13		15	16
*11:05	DR11													13			16
*11:07, 11:53, 11:103, 11:105	DR11, -					5						11		13			
*11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57	DR11, -													13		15	
*11:13:01-11:13:02	DR11							w						13			
*11:16, 11:20, 11:40, 11:59	DR11, DR13						6							13		15	16
*11:17, 11:52	DR11, DR14													13			
*11:22, 11:104	-													13			
*11:23	DR11													13		15	16
*11:25	DR11													13		15	16
*11:26, 11:34	DR11							7						13			
*11:31	DR11													13		15	
*11:41, 11:48, 11:83	DR11, -						6							13		15	16
*11:45, 11:64	DR11, -													13		15	
*11:55	DR11													13			16
*11:67	-										10			13			16
*11:69, 11:82	-													13			16
*11:73, 11:79	-						6							13		15	
*11:89	-													13			
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ²	ser ³																
*11:96	-													13		15	16
*11:98	-													13			
*11:107	-					5						11		13			
*12:01:01-12:01:04, 12:03:02, 12:05-12:08, 12:10-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34	DR12, Null, -														14		
*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:20, 12:23, 12:26-12:27, 12:31N-12:33	DR12, Null, -														14		16
*12:04, 12:22	DR12, -										10				14		
*12:09	DR12														14		
*12:16	-										10				14		16
*12:21	-														14		16
*13:01:01-13:01:08, 13:02:01, 13:02:03-13:02:05, 13:16, 13:20, 13:27-13:29, 13:31, 13:34, 13:39, 13:41, 13:51-13:52, 13:59, 13:61:01-13:61:02, 13:63-13:64, 13:68-13:69, 13:71, 13:73-13:74, 13:78-13:80, 13:83, 13:87, 13:91- 13:92, 13:96:01-13:99, 13:102, 13:105-13:107, 13:109, 13:111- 13:114, 13:117	DR13, Null, -						6										15 16
*13:01:09, 13:08, 13:35-13:36, 13:40, 13:72, 13:76, 13:84	DR13, -						6										15 16
*13:02:02	DR13						6										15
*13:03:01-13:03:06, 13:33:01- 13:33:03, 13:81, 13:88-13:90, 13:94-13:95, 13:101, 13:115	DR13, -						6										15
*13:04, 13:75	DR13, -						6										15 16
*13:05:01-13:05:02, 13:11:01- 13:11:02, 13:14:01-13:14:03, 13:42, 13:46, 13:50:01-13:50:02, 13:62, 13:100	DR6, DR11, DR13, -																15 16
*13:06, 13:25, 13:56, 13:77, 13:82, 13:110	DR6, DR11, DR13, -																15
*13:07:01-13:07:02	DR13																15 16
*13:09	DR13																16
*13:10	DR13						6										15
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Well No.	DR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

*14:73	-																16
*14:74	-																15
*14:76, 14:79, 14:104, 14:107, 14:111	-																
*14:78	-							7									15
*14:82	-						6										
*14:84	-																15
*14:89	-																
*14:95	-						6										
*14:98	-																15
*14:116	-																15
*15:01:01:01-15:09, 15:11-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:58	DR2, DR15, Null, -			3													
*15:10	DR2			3													
*15:21	DR2			3													
*15:25	-			3			5										
*15:27, 15:34	-			3													
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17	DR16, Null, -					4											
*16:04, 16:18	DR16, -					4											
DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, DRB3*02:28, DRB3*03:01:01-03:03	DR52, -																
DRB3*02:27	-																15
DRB4*01:01:01:01-01:03:01:01, DRB4*01:03:01:03-01:08	DR53, -																
DRB4*01:03:01:02N	Null																
DRB5*01:01:01-01:14, DRB5*02:02-02:05	DR51, Null, -																
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE

DR low resolution SSP typing

Amplification patterns of the DRB1*01:01 to DRB1*10:03 alleles

Well ⁴																	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
175	100	110	110	165	75	135	170	150	145	145	140	160	215	175	Neg. Control		Length of spec.
	140	140	175		175					215		240					PCR product(s)
	155	170	225														
430	430	430	430	430	430	430	430	430	430	430	430	430	430	430			Length of int. pos. control ¹
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
																ser ³	DRB1 allele ²
																DR1, Null, -	*01:01:01-01:02:05, 01:04-01:37
																DR1/103	*01:03
17									26							DR3, DR17, -	*03:01:01:01-03:01:14, 03:04:01-03:05:03, 03:09, 03:11:01-03:11:02, 03:13:01-03:16, 03:18-03:20, 03:22-03:23, 03:25, 03:28, 03:30, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:59, 03:61-03:63
17																DR3, DR18, -	*03:02:01-03:03, 03:27, 03:38, 03:53
17																DR3, -	*03:06, 03:26, 03:31, 03:60
17									26							DR3, -	*03:07, 03:21, 03:24, 03:32, 03:39 03:40, 03:49
									26							DR3, -	*03:08, 03:65
		19	20						26							DR3	*03:10
17							24		26							DR3	*03:12
17																DR3, -	*03:17, 03:35, 03:41
17									26							DR3	*03:29
																-	*03:42
									26							-	*03:46, 03:64
																DR3, DR4, Null, -	*04:01:01-04:11, 04:13-04:17:02, 04:19-04:24, 04:26-04:57, 04:59-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:102
					22											DR4	*04:12, 04:18, 04:25, 04:58
18																DR4, -	*04:62, 04:69, 04:73
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
																ser ³	DRB1 allele ²
																DR7, Null, -	*07:01:01:01-07:01:04, 07:03-07:21
				21												DR8, -	*08:01:01-08:02:04, 08:05, 08:16, 08:24, 08:26, 08:39, 08:42-08:44
				21												DR8, -	*08:03:02, 08:13, 08:18, 08:23, 08:27, 08:29-08:30:03, 08:33, 08:36, 08:38, 08:46-08:48
				21	22											DR8, -	*08:04:01, 08:04:04-08:04:05, 08:04:07, 08:06, 08:22
				21	w											DR8	*08:04:02-08:04:03
					22											-	*08:04:06
																DR8	*08:07, 08:11
18																DR8	*08:08
			20	21						27						DR8	*08:09
				21	22											DR8	*08:10, 08:12, 08:14
				21		23										DR8, -	*08:15, 08:19, 08:25, 08:34
				21												DR8	*08:17
17			20		22					27						-	*08:20
			20	21						27						DR8	*08:21
				21	22	23										DR8	*08:28
																DR8, DR11, -	*08:31, 08:41
			20	21												-	*08:32
			20	21						27						-	*08:35
				21		23										-	*08:37, 08:45
				21												-	*08:40
		19														DR9, -	*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:16
																DR9	*09:01:06, 09:03
																DR10, -	*10:01:01-10:03
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
																ser ³	DRB1 allele ²
									26							DR11, -	*11:01:01-11:01:06, 11:01:08-11:01:15, 11:04:01-11:04:08, 11:06:01-11:06:02, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:29, 11:32-11:33, 11:35, 11:38-11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01-11:49:02, 11:51, 11:54:01-11:54:02, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74:01-11:75, 11:77-11:78, 11:81, 11:84, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102, 11:106, 11:108-11:113
																DR11, -	*11:01:07, 11:30, 11:37, 11:50, 11:56, 11:88
									26							DR11, -	*11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:21, 11:36, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:80, 11:85-11:87, 11:93
									26							DR11	*11:05
									26							DR11, -	*11:07, 11:53, 11:103, 11:105
									26							DR11, -	*11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57
		19	20						26	27						DR11	*11:13:01-11:13:02
								25	26							DR11, DR13	*11:16, 11:20, 11:40, 11:59
		19	20							27						DR11, DR14	*11:17, 11:52
																-	*11:22, 11:104
			20						26	27						DR11	*11:23
			20		22				26	27						DR11	*11:25
									26							DR11	*11:26, 11:34
			20						26							DR11	*11:31
																DR11, -	*11:41, 11:48, 11:83
			20						26	27						DR11, -	*11:45, 11:64
			20						26	27						DR11	*11:55
					22	23										-	*11:67
	18								26							-	*11:69, 11:82
									26							-	*11:73, 11:79
			20						26	27						-	*11:89
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
																ser ³	DRB1 allele ²
			20						26							-	*11:96
									26							-	*11:98
																-	*11:107
						23										DR12, Null, -	*12:01:01-12:01:04, 12:03:02, 12:05-12:08, 12:10-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34
						23										DR12, Null, -	*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:20, 12:23, 12:26-12:27, 12:31N-12:33
						23										DR12, -	*12:04, 12:22
			21			23										DR12	*12:09
						23										-	*12:16
																-	*12:21
17								25	26							DR13, Null, -	*13:01:01-13:01:08, 13:02:01, 13:02:03-13:02:05, 13:16, 13:20, 13:27-13:29, 13:31, 13:34, 13:39, 13:41, 13:51-13:52, 13:59, 13:61:01-13:61:02, 13:63-13:64, 13:68-13:69, 13:71, 13:73-13:74, 13:78-13:80, 13:83, 13:87, 13:91- 13:92, 13:96:01-13:99, 13:102, 13:105-13:107, 13:109, 13:111- 13:114, 13:117
17								25								DR13, -	*13:01:09, 13:08, 13:35-13:36, 13:40, 13:72, 13:76, 13:84
17									26							DR13	*13:02:02
17							24									DR13, -	*13:03:01-13:03:06, 13:33:01- 13:33:03, 13:81, 13:88-13:90, 13:94-13:95, 13:101, 13:115
17							24		26							DR13, -	*13:04, 13:75
17									26							DR6, DR11, DR13, -	*13:05:01-13:05:02, 13:11:01- 13:11:02, 13:14:01-13:14:03, 13:42, 13:46, 13:50:01-13:50:02, 13:62, 13:100
17									26							DR6, DR11, DR13, -	*13:06, 13:25, 13:56, 13:77, 13:82, 13:110
17																DR13	*13:07:01-13:07:02
17									26							DR13	*13:09
17									26		28					DR13	*13:10
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.

Neg. Control

														ser ³	DRB1 allele ²		
17							24							DR13, -	*13:12:01-13:12:02, 13:58, 13:118		
17			20				24			27				DR13	*13:13		
17								25	26					DR13, -	*13:15, 13:57, 13:104		
				21	23									DR13	*13:17		
17			20		22				26	27				DR13	*13:18		
17								25						DR13	*13:19, 13:53		
17							24		26					DR13, DR11	*13:21:01-13:21:02		
17									26					DR11, DR13, DR14, -	*13:22-13:24, 13:54		
17														DR14	*13:26		
17							24		26					-	*13:30		
17							24	25						DR13	*13:32, 13:65		
17														DR13	*13:37		
17							24							DR13	*13:38, 13:48		
		19	20					25	26					DR13	*13:43		
17									26					-	*13:44, 13:86		
	18		20						26					DR13	*13:45		
17			20							27				-	*13:47		
17							24							DR6, -	*13:49, 13:108		
17			20				24			27				-	*13:55		
17														DR6	*13:60		
17							24		26					DR13, -	*13:66:01-13:66:02		
								25						DR13, -	*13:67, 13:103		
17														DR13	*13:70		
17											28			-	*13:85		
17							24	25	26					-	*13:93		
				21										-	*13:116		
17			20						26	27				-	*13:119		
	18	19	20							27				DR14, DR1404, -	*14:01:01-14:01:02, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:38-14:39, 14:50, 14:54-14:55, 14:60-14:62, 14:70- 14:71, 14:75, 14:86-14:88, 14:90, 14:99, 14:101, 14:110, 14:112- 14:114, 14:117		
		19	20							27				DR14, Null, -	*14:01:03, 14:08, 14:23:02, 14:34, 14:92N, 14:97		
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
														ser ³	DRB1 allele ²		

Neg. Control

17		19								28						DR14, -	*14:02, 14:06:01-14:06:02, 14:09, 14:29, 14:47-14:48, 14:51, 14:80, 14:83, 14:106, 14:108
17			20							27						DR6, DR14, DR1403, -	*14:03:01-14:03:02, 14:40, 14:67, 14:77, 14:102, 14:115
17		19	20							27						DR14, -	*14:05:01-14:05:03, 14:14, 14:23:01, 14:23:03, 14:36, 14:43-14:45, 14:56, 14:59, 14:91, 14:96, 14:100, 14:103
		19	20							27						DR14	*14:11
17			20	22						27						DR14, -	*14:12:01-14:12:02
17		19					24				28					DR14	*14:13
			20	21	22					27						DR8	*14:15
	18	19	20					25								DR6	*14:16
17		19							26		28					DR6	*14:17, 14:30, 14:33
17		19	20							27						DR14, -	*14:18, 14:81
17		w									28					DR14, -	*14:19, 14:109
17		19														DR14, -	*14:20, 14:41, 14:94
17		w							26		28					DR14	*14:21
	18	19	20													DR14, -	*14:22, 14:105
17																DR14	*14:24
	18		20													DR6	*14:25
17			20								27					DR14	*14:27
	18	19	20								27					DR14	*14:32:01-14:32:02
	18	19	20							26	27					DR14	*14:35
17	18															DR14	*14:37
17			20							26	27					-	*14:42
		19										28				DR14	*14:46
	18	19	20													DR14	*14:49
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	18		20								27					DR14	*14:58
17			20				24				27					DR6, -	*14:63, 14:85
17		19	20							26	27					DR14	*14:64
17		19	20				24			26	27					DR6	*14:65
	18	19	20								27					DR14, -	*14:68, 14:93
	18		20													-	*14:69
		19	20							26	27					-	*14:72
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	DR	Well No.
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