

INTERPRETATION TABLE													
DR low resolution SSP typing													
Amplification patterns of the DRB1*01:01 to DRB1*10:03 alleles													
		Well ⁶											
		73	74	75	76	77	78	79	80	81	82	83	84
Length of spec.		205	200	200	210	120	80	85	100	210	170	90	175
PCR product(s)		255		215		220	210	210	175	235	215	135	
											250	180	
Length of int.		515	430	430	430	430	430	430	430	430	515	430	430
pos. control ¹													
5'-primer(s) ²		13 (124)	14 (129)	13 (126)	13 (126)	13 (125)	13 (125)	13 (125)	13 (125)	14 (127)	16 (133)	26 (165)	26 (164)
		5'-A.T 3'	5'-gAA 3'	5'-Agg 3'	5'-Agg 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-ACA 3'	5'-ATA 3'	5'-gTT 3'	5'-TAT 3'	5'-gTA 3'
		14 (129)		13 (126)	13 (126)	47 (227)	16 (133)		13 (125)	14 (127)	16 (133)	58 (261)	31 (178)
		5'-gAA 3'		5'-AAG 3'	5'-AAG 3'	5'-gTT 3'	5'-gTT 3'		5'-ACC 3'	5'-ATA 3'	5'-gTT 3'	5'-gAg 3'	5'-gCg 3'
									13 (125)	14 (127)			
									5'-ATA 3'	5'-gTA 3'			
									13 (125)	16 (133)			
									5'-gTC 3'	5'-gTT 3'			
3'-primer(s) ³		67 (286)	67 (286)	67 (286)	67 (286)	73 (305)	26 (164)	28 (171)	33 (184)	71 (298)	58 (260)	57 (257)	74 (307)
		5'-gAg 3'	5'-gAT 3'	5'-gAT 3'	5'-gAA 3'	5'-ggC 3'	5'-ggT 3'	5'-CTC 3'	5'-gTg 3'	5'-CTC 3'	5'-CCT 3'	5'-CgA 3'	5'-CgC 3'
		67 (286)		70 (295)	67 (286)	73 (305)	71 (299)	70 (295)	58 (260)	73 (305)	74 (307)	73 (305)	
		5'-gAg 3'		5'-CTg 3'	5'-gAg 3'	5'-ggC 3'	5'-gCT 3'	5'-CTg 3'	5'-Cgg 3'	5'-ggC 3'	5'-CAg 3'	5'-ggC 3'	
		67 (286)		70 (295)	70 (297)	74 (308)				77 (317)	86 (344)	78 (319)	
		5'-gAT 3'		5'-Tg 3'	5'-CTg 3'	5'-CCC 3'				5'-AAT 3'	5'-CAC 3'	5'-CAC 3'	
		71 (299)		71 (298)	72 (301)					78 (319)			
		5'-gCg 3'		5'-CgC 3'	5'-ggC 3'					5'-CAC 3'			
		86 (344)		71 (299)									
		5'-CCA 3'		5'-gCT 3'									
				73 (305)									
				5'-ggC 3'									
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
DRB1 allele ⁴	ser ⁵												
*01:01:01-01:02:08, 01:04-01:38, 01:40N-01:41, 01:43-01:45	DR1, Null, -	73											
*01:03, 01:39N	DR1, DR103, Null		74										
*01:42	-	73	74										
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

[illegible]

*11:01:01-11:01:16, 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, 11:27:01-11:30, 11:32- 11:33, 11:35, 11:37:01- 11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01- 11:51, 11:54:01-11:54:02, 11:56, 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, 11:88, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117, 11:120-11:121	DR11, –												
*11:02:01-11:03, 11:11:01- 11:11:02, 11:14:01- 11:14:02, 11:16, 11:20- 11:21, 11:36, 11:40-11:41, 11:48, 11:63, 11:65:01- 11:65:02, 11:68, 11:70, 11:76, 11:85-11:86, 11:93, 11:118	DR11, DR13, –						78						
*11:05	DR11												
*11:07, 11:53, 11:103, 11:105, 11:107	DR11, –					77						83	
*11:08:01-11:08:02, 11:18- 11:19:03, 11:42, 11:57	DR11, –												
*11:13:01-11:13:02	DR11							w					
*11:17, 11:52	DR11, DR14												
*11:22, 11:98, 11:104	–												
*11:23, 11:25, 11:96	DR11, –												
*11:26, 11:34	DR11							79					
*11:31, 11:45, 11:64, 11:119	DR11, –												
*11:55	DR11												
*11:59, 11:80, 11:83, 11:87	DR11, –						78						84
*11:69, 11:82	–												
*11:73, 11:79	–						78						
*11:89	–												
*12:01:01-12:01:04, 12:03:02, 12:05-12:12, 12:14, 12:17, 12:24N- 12:25, 12:28-12:30, 12:34- 12:35	DR12, Null, –												
*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:21, 12:23, 12:26-12:27, 12:31N-12:33	DR12, Null, –												
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
*12:04	DR12										82		
*12:16	–										82		
*12:22	–									81	82		

*13:01:01-13:02:01, 13:02:03-13:02:05, 13:04, 13:08, 13:16, 13:20, 13:22- 13:24, 13:28-13:29, 13:31- 13:32, 13:34-13:36, 13:38- 13:40, 13:48, 13:51-13:52, 13:54, 13:59, 13:61:01- 13:61:02, 13:63-13:65, 13:68-13:70, 13:72-13:76, 13:78-13:80, 13:83-13:84, 13:87, 13:91-13:93, 13:96:01-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 13:121, 13:123-13:128, 13:130-13:131, 13:135	DR11, DR13, DR14, Null, –						78						
*13:02:02, 13:03:01- 13:03:06, 13:10, 13:33:01- 13:33:03, 13:37, 13:66:01- 13:66:02, 13:81, 13:88- 13:90, 13:94-13:95, 13:101, 13:115, 13:120, 13:133	DR13, –						78						
*13:05:01-13:05:02, 13:07:01-13:07:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:21:01-13:21:02, 13:42, 13:46, 13:49-13:50:02, 13:62, 13:100, 13:108, 13:132	DR13, DR11, DR6, –												
*13:06, 13:12:01-13:12:02, 13:25, 13:30, 13:56, 13:58, 13:60, 13:77, 13:82, 13:110, 13:118, 13:134	DR13, DR11, DR6, –												
*13:09	DR13												
*13:13, 13:119, 14:84,	DR13, –												
*13:15, 13:19, 13:53, 13:57, 13:104	DR13, –						78	79					
*13:17, 13:116	DR13, –						78			81			
*13:26	DR14							79					
*13:27, 13:41, 13:71	DR13						78						84
*13:43	DR13						78						
*13:44, 13:86	–, –							79					
*13:45	DR13						78						
*13:67, 13:103	DR13, –												
*13:85	–						78	79					
*13:122	–						78						
*13:129	–						78						84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

*14:01:01-14:01:02, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:35, 14:38-14:39, 14:54-14:55, 14:57, 14:60-14:62, 14:70-14:71, 14:75-14:76, 14:79, 14:86-14:88, 14:90, 14:99, 14:101, 14:104, 14:107, 14:110-14:114, 14:117-14:118, 14:120, 14:122	DR14, DR1404, DR4, DR6, –												
*14:01:03, 14:08, 14:23:02, 14:34, 14:72, 14:92N, 14:97	DR14, Null, –												
*14:02, 14:06:01-14:06:02, 14:09, 14:13, 14:17, 14:20, 14:29-14:30, 14:33, 14:41, 14:47-14:48, 14:51, 14:80, 14:83, 14:94, 14:106, 14:108, 14:121	DR14, DR6, –							79					
*14:03:01-14:03:02, 14:12:01-14:12:02, 14:40, 14:63, 14:67, 14:77-14:78, 14:85, 14:102, 14:115	DR1403, DR14, DR6, –							79					
*14:05:01-14:05:03, 14:14, 14:23:01, 14:23:03, 14:36, 14:43-14:45, 14:56, 14:59, 14:64, 14:91, 14:96, 14:100, 14:103	DR14, –												
*14:11	DR14										82		
*14:16	DR6						78						
*14:18, 14:81	DR14, –							79					
*14:19, 14:21, 14:109	DR14, –						78	79					
*14:22, 14:105	DR14, –												
*14:24	DR14							79					
*14:25, 14:53	DR6, DR13, 14												
*14:27	DR14							79					
*14:32:01-14:32:02	DR14							w					
*14:37	DR14												
*14:42	–												
*14:46, 14:52	DR14												
*14:49, 14:119	DR14, –							79					
*14:50	DR14									81			
*14:58	DR14												
*14:65	DR6							w					
*14:68, 14:93	DR14, –										82		
*14:69	–												
*14:73	–												
*14:74	–												
*14:82	–						78						
*14:89	–							79					
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
*14:95	–						78						
*14:98	–							79					

*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:69	DR15, DR2, Null, –			75									
*15:21	DR2			75									
*15:25	–			75		77							
*15:27, 15:34, 15:66	–			75									
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19	DR16, Null, –				76								
*16:04, 16:18	DR16, –				76								
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	–												
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, –												
DRB1 allele ⁴	ser ⁵												
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

INTERPRETATION TABLE													
DR low resolution SSP typing													
Amplification patterns of the DRB1*01:01 to DRB1*10:03 alleles													
Well ⁶													
85	86	87	88	89	90	91	92	93	94	95	96		
100	85	215	195	175	100	110	110	160	215	175	Negative control		Length of spec.
170	105		225		140	135	175	240					PCR product(s)
					155	170	225						
430	430	430	430	430	430	430	430	430	430	430			Length of int.
													pos. control ¹
13 (125)	16 (133)	10 (116)	10 (116)	13 (125)	1 st I	26 (164)	13 (125)	10 (116)	28 (170)	13 (125)			5'-primer(s) ²
5'-gTC 3'	5'-gTT 3'	5'-gCT 3'	5'-gCT 3'	5'-gTC 3'	5'-CAA 3'	5'-gTA 3'	5'-gTC 3'	5'-gCT 3'	5'-gAT 3'	5'-gTA 3'			
16 (133)		12 (122)	12 (122)		37 (197)	34 (189)	34 (189)	10 (116)					
5'-gTC 3'		5'-TAT 3'	5'-TAT 3'		5'-gTT 3'	5'-CAG 3'	5'-CAG 3'	5'-gCT 3'					
38 (200)		13 (125)	13 (125)		37 (197)			38 (199)					
5'-CgT 3'		5'-gTC 3'	5'-gTC 3'		5'-gTA 3'			5'-TCC 3'					
			16 (133)										
			5'-gTT 3'										
			16 (133)										
			5'-gTC 3'										
58 (260)	30 (175)	70 (295)	67 (286)	58 (260)	42 (213)	57 (257)	57 (257)	51 (239)	87 (346)	57 (258)			3'-primer(s) ³
5'-CCT 3'	5'-gTg 3'	5'-gTC 3'	5'-gAA 3'	5'-Cgg 3'	5'-TCA 3'	5'-CAG 3'	5'-CAG 3'	5'-CCC 3'	5'-CTC 3'	5'-gCg 3'			
58 (260)	38 (199)	71 (299)	71 (298)	58 (260)	57 (257)	70 (295)	60 (265)	77 (317)	87 (346)	58 (260)			
5'-CCT 3'	5'-CAG 3'	5'-gCT 3'	5'-CgC 3'	5'-CAG 3'	5'-CAG 3'	5'-CTg 3'	5'-gTg 3'	5'-AAT 3'	5'-CTT 3'	5'-CCT 3'			
58 (260)			71 (298)		71 (298)	70 (296)	70 (296)						
5'-CCT 3'			5'-CTC 3'		5'-CgC 3'	5'-TCC 3'	5'-TCC 3'						
							74 (307)						
							5'-CAG 3'						
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
												ser ⁵	DRB1 allele ⁴
											Negative control	DR1, Null, –	*01:01:01-01:02:08, 01:04- 01:38, 01:40N-01:41, 01:43 01:45
												DR1, DR103, Null –	*01:03, 01:39N
													*01:42
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

				89							Negative control	DR3, DR17, Null, –	*03:01:01:01-03:01:19, 03:04:01-03:06, 03:09, 03:11:01-03:16, 03:18- 03:20, 03:22-03:23, 03:25- 03:26, 03:28, 03:30-03:31, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:63, 03:66-03:68N, 03:70-03:73, 03:75, 03:77	
				89								DR3, DR18, –	*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74	
				89								DR3, –	*03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39- 03:41, 03:49	
85												DR3, –	*03:08, 03:65	
						91	92					DR3	*03:10	
												–	*03:42, 03:69	
												–	*03:46, 03:64	
		87		89								–	*03:76	
												DR4, DR3, Null, –	*04:01:01-04:61, 04:63- 04:68, 04:70-04:72:02, 04:74-04:104, 04:106- 04:107	
					90							DR4, –	*04:62, 04:69, 04:73, 04:105	
												DR7, Null, –	*07:01:01:01-07:01:04, 07:03-07:22	
			88									DR8, –	*08:01:01-08:02:04, 08:04:01-08:07, 08:11, 08:16-08:17, 08:22, 08:24, 08:26, 08:28, 08:39, 08:42- 08:44	
												DR8, –	*08:03:02-08:03:03, 08:10, 08:12-08:15, 08:18-08:19, 08:23, 08:25, 08:27, 08:29- 08:30:03, 08:33-08:34, 08:36-08:38, 08:45-08:49	
			88		90							DR8	*08:08	
			88				92					DR8	*08:09, 14:15 ⁵	
		87	88	89			92					DR13, –	*08:20, 13:18, 13:47, 13:55 ⁶	
		87	88				92					DR8	*08:21	
85			88									DR8, DR11, –	*08:31, 08:41, 11:67 ⁷	
	86						92					–	*08:32	
							92					–	*08:35	
												–	*08:40	
						91						DR9, –	*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04- 09:17	
												DR9	*09:01:06, 09:03	
85	86	87	88	89	90	91	92	93	94	95		96	DR	Well No.
85	86	87	88	89	90	91	92	93	94	95		96	DR	Well No.
													DR10, –	*10:01:01-10:04

Negative control

85		87	88									Negative control	DR11, –	*11:01:01-11:01:16, 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, 11:27:01-11:30, 11:32- 11:33, 11:35, 11:37:01- 11:39, 11:43-11:44, 11:46:01-11:47, 11:49:01- 11:51, 11:54:01-11:54:02, 11:56, 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, 11:88, 11:90-11:92, 11:94-11:95, 11:97, 11:99-11:102:02, 11:106, 11:108-11:117, 11:120-11:121
85		87	88										DR11, –	*11:02:01-11:03, 11:11:01- 11:11:02, 11:14:01- 11:14:02, 11:16, 11:20- 11:21, 11:36, 11:40-11:41, 11:48, 11:63, 11:65:01- 11:65:02, 11:68, 11:70, 11:76, 11:85-11:86, 11:93, 11:118
85			88										DR11	*11:05
85													DR11, –	*11:07, 11:53, 11:103, 11:105, 11:107
85		87											DR11, –	*11:08:01-11:08:02, 11:18- 11:19:03, 11:42, 11:57
85						91	92						DR11	*11:13:01-11:13:02
85						91	92						DR11, DR14	*11:17, 11:52
85													–	*11:22, 11:98, 11:104
85		87	88				92						DR11, –	*11:23, 11:25, 11:96
85													DR11	*11:26, 11:34
85		87					92						DR11, –	*11:31, 11:45, 11:64, 11:119
85			88				92						DR11	*11:55
85		87	88										DR11, –	*11:59, 11:80, 11:83, 11:87
85		87			90								–	*11:69, 11:82
85													–	*11:73, 11:79
85							92						–	*11:89
	86												DR12, Null, –	*12:01:01-12:01:04, 12:03:02, 12:05-12:12, 12:14, 12:17, 12:24N- 12:25, 12:28-12:30, 12:34- 12:35
	86		88										DR12, Null, –	*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:21, 12:23, 12:26-12:27, 12:31N-12:33
85	86	87	88	89	90	91	92	93	94	95	96		DR	Well No.
85	86	87	88	89	90	91	92	93	94	95	96		DR	Well No.
	86												DR12	*12:04
	86		88										–	*12:16
	86												–	*12:22

		87	88	89									DR11, DR13, DR14, Null, –	*13:01:01-13:02:01, 13:02:03-13:02:05, 13:04, 13:08, 13:16, 13:20, 13:22- 13:24, 13:28-13:29, 13:31- 13:32, 13:34-13:36, 13:38- 13:40, 13:48, 13:51-13:52, 13:54, 13:59, 13:61:01- 13:61:02, 13:63-13:65, 13:68-13:70, 13:72-13:76, 13:78-13:80, 13:83-13:84, 13:87, 13:91-13:93, 13:96:01-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 13:121, 13:123-13:128, 13:130-13:131, 13:135
		87		89									DR13, –	*13:02:02, 13:03:01- 13:03:06, 13:10, 13:33:01- 13:33:03, 13:37, 13:66:01- 13:66:02, 13:81, 13:88- 13:90, 13:94-13:95, 13:101, 13:115, 13:120, 13:133
		87	88	89									DR13, DR11, DR6, –	*13:05:01-13:05:02, 13:07:01-13:07:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:21:01-13:21:02, 13:42, 13:46, 13:49-13:50:02, 13:62, 13:100, 13:108, 13:132
		87		89									DR13, DR11, DR6, –	*13:06, 13:12:01-13:12:02, 13:25, 13:30, 13:56, 13:58, 13:60, 13:77, 13:82, 13:110, 13:118, 13:134
			88	89									DR13	*13:09
		87		89			92						DR13, –	*13:13, 13:119, 14:84,
		87	88	89									DR13, –	*13:15, 13:19, 13:53, 13:57, 13:104
			88										DR13, –	*13:17, 13:116
		87	88	89									DR14	*13:26
		87	88	89									DR13	*13:27, 13:41, 13:71
		87	88			91	92						DR13	*13:43
				89									–, –	*13:44, 13:86
		87	88		90		92						DR13	*13:45
		87	88										DR13, –	*13:67, 13:103
		87		89									–	*13:85
		87											–	*13:122
			88	89									–	*13:129
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.	
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.	

[illegible]

											Negative control	DR15, DR2, Null, –	*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:69
							w					DR2, –	*15:21
												–	*15:25
						91						–	*15:27, 15:34, 15:66
												DR16, Null, –	*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19
							w					DR16, –	*16:04, 16:18
								93				DR52, –	DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, DRB3*02:28, DRB3*03:01:01-03:03
		87						93				–	DRB3*02:27
									94			DR53, –	DRB4*01:01:01:01-01:03:01:01, DRB4*01:03:01:03-01:08
					90				94			Null	DRB4*01:03:01:02N
										95		DR51, Null, –	DRB5*01:01:01-01:14, DRB5*02:02-02:05
												ser ⁵	DRB1 allele ⁴
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.