INTERPRETATION TABLE

DR low resolution SSP typing

Amplification patterns of the DRB1*01:01 to DRB1*10:04 alleles

	Well																						
	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Length of spec.	205	200	200	210	120	80	85	100	210	170	90	175	100	85	215	195	175	100	110	110	160	215	175
PCR product(s)	255		215		220	210	210	175	235	215	135		170	105		225		140	135	175	240		
										250	180							155	170	225			
Length of int. pos. control[1]	515	430	430	430	430	430	430	430	430	515	430	430	430	430	430	430	430	430	430	430	430	430	430
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)	13(125)	16(133)	10(116)	10(116)	13(125)	1st I	26(164)	13(125)	10(116)	28(170)	13(125)
	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'	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'
	14(129)		13(126)	13(126)	47(227)	16(133)		13(125)	14(127)	16(133)	58(261)	31(178)	16(133)		12(122)	12(122)		37(197)	34(189)	34(189)	10(116)		
	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'	5' -gTC 3'		5' -TAT 3'	5' -TAT 3'		5' -gTT 3'	5' -CAg 3'	5' -CAg 3'	5' -gCT 3'		
								13(125)	14(127)				38(200)		13(125)	13(125)		37(197)			38(199)		
								5' -ATA 3'	5' -gTA 3'				5' -CgT 3'		5' -gTC 3'	5' -gTC 3'		5' -gTA 3'			5' -TCC 3'		
								13(125)	16(133)							16(133)							
								5' -gTC 3'	5' -gTT 3'							5' -gTT 3'							
																16(133)							
																5' -gTC 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)	58(260)	30(175)	70(295)	67(286)	58(260)	42(213)	57(257)	57(257)	51(239)	87(346)	57(258)
	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'	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'
	67(286)		70(295)	67(286)	73(305)	71(299)	70(295)	58(260)	73(305)	74(307)	73(305)		58(260)	38(199)	71(299)	71(298)	58(260)	57(257)	70(295)	60(265)	77(317)	87(346)	58(260)
	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'		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'
	67(286)		70(295)	70(297)	74(308)				77(317)	86(344)	78(319)		58(260)			71(298)		71(298)	70(296)	70(296)			
	5' -gAT 3'		5' -.Tg 3'	5' -CTg 3'	5' -CCC 3'				5' -AAT 3'	5' -CAC 3'	5' -CAC 3'		5' -CCT 3'			5' -CTC 3'		5' -CgC 3'	5' -TCC 3'	5' -TCC 3'			
	71(299)		71(298)	72(301)					78(319)											74(307)			

		5' -gCg 3'		5' -CgC 3'	5' -ggC 3'					5' -CAC 3'											5' -CAg 3'			
		86(344)		71(299)																				
		5' -CCA 3'		5' -gCT 3'																				
				73(305)																				
				5' -ggC 3'																				
Well No.	**DR**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**
Well No.	**DR**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**
DRB1 allele[4]	**ser[9]**																							
***01:01:01-01:02:08, 01:04-01:38, 01:40N-01:41, 01:43-01:45**	**DR1, Null, -**	**65**																						
***01:03, 01:39N**	**DR103, Null**		**66**																					
***01:42**	**-**	**65**	**66**																					
***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, 03:77-03:80, 03:11:02**	**DR17(3), DR3, Null, -**					**69**	**70**											**81**						
***03:02:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74**	**DR18(3), -**					**69**		**71**										**81**						
***03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41, 03:49**	**DR3, -**					**69**												**81**						
***03:08, 03:65**	**-**					**69**	**70**					**75**		**77**										
***03:10**	**DR17(3)**					**69**	**70**													**83**	**84**			
***03:42, 03:69**	**-**					**69**																		
***03:46, 03:64**	**-**					**69**	**70**																	
***03:76**	**-**						**70**						**76**			**79**		**81**						
***04:01:01-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:107**	**DR4, Null, -**								**72**															
***04:62, 04:69, 04:73, 04:105**	**-**								**72**										**82**					
***07:01:01:01-07:01:04, 07:03-07:22**	**DR7, Null, -**									**73**														
***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, -**										**74**						**80**							

*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	DR8, -										74													
*08:08	-										74						80		82					
*08:09, 14:15[5]	DR8										74						80				84			
*08:20, 13:18, 13:47, 13:55[6]	DR13(6), -															79	80	81			84			
*08:21	-										74					79	80				84			
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele[4]	ser[9]																							
*08:31, 08:41, 11:67[7]	DR11(5), -										74			77			80							
*08:32	-										74				78						84			
*08:35	-										74										84			
*08:40	-						70				74													
*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:17	DR9, -											75								83				
*09:01:06, 09:03	DR9, -											75												
*10:01:01-10:04	DR10, -												76											
*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, 11:84:01-11:84:02, 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, 11:123, 11:126	DR11(5), -													77		79	80							
*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, 11:122, 11:124	DR11(5), DR13 (6), -						70							77		79	80							
*11:05	DR11(5)													77			80							
*11:07, 11:53, 11:103, 11:105, 11:107, 11:125	DR11(5), -					69						75		77										
*11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57	DR11(5), -													77		79								
*11:13:01-11:13:02	DR11(5)							w						77						83	84			

*11:17, 11:52	DR11(5), -													77						83	84			
*11:22, 11:98, 11:104	-													77										
*11:23, 11:25, 11:96	DR11(5), -													77		79	80				84			
*11:26, 11:34	DR11(5), -							71						77										
*11:31, 11:45, 11:64, 11:119	-													77		79					84			
*11:55	-													77			80				84			
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele[4]	ser[9]																							
*11:59, 11:80, 11:83, 11:87	-						70						76	77		79	80							
*11:69, 11:82	-													77			80		82					
*11:73, 11:79	-						70							77		79								
*11:89	-													77							84			
*12:01:01-12:01:04, 12:03, 12:05-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:35	DR12(5), Null, -														78									
*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(5), Null, -														78		80							
*12:04	-										74				78									
*12:16	-										74				78		80							
*12:22	-									73	74				78									
*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, 13:138-13:139	DR13(6), DR14(6), Null, -						70									79	80	81						
*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, 13:137N	DR13(6), Null-,						70									79		81						

*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, 13:136	DR13(6), -															79	80	81						
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele[4]	ser[9]																							
*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(6), -															79		81						
*13:09	-																80	81						
*13:13, 13:119, 14:84, 14:116[8]	DR13(6), -															79		81			84			
*13:15, 13:19, 13:53, 13:57, 13:104	DR13(6), -						70	71								79	80	81						
*13:17, 13:116	DR13(6), -						70			73							80							
*13:26	-							71								79	80	81						
*13:27, 13:41, 13:71	DR13(6), -						70						76			79	80	81						
*13:43	-						70									79	80			83	84			
*13:44, 13:86	-							71										81						
*13:45	-						70									79	80		82		84			
*13:67, 13:103	-															79	80							
*13:85	-						70	71								79		81						
*13:122	-						70									79								
*13:129	-						70						76				80	81						
*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, 14:54:01, 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, 14:124-14:125	DR14(6), DR1404, -																		82	83	84			
*14:01:03, 14:08, 14:23:02, 14:34, 14:54:02, 14:72, 14:92N, 14:97	DR14(6), Null, -																			83	84			
*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(6), DR6-,							71										81		83				

*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	DR14(6), DR1403, -							71								79		81			84			
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele[4]	ser[9]																							
*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, 14:123	DR14(6), -																	81		83	84			
*14:11	DR14(6)										74									83	84			
*14:16	DR6						70									79	80		82	83	84			
*14:18, 14:81	DR6, -							71										81		83	84			
*14:19, 14:21, 14:109	DR14(6), -						70	71								79		81		w				
*14:22, 14:105	DR14(6), -															79	80		82	83	84			
*14:24	-							71									80	81						
*14:25, 14:53	DR13(6), -															79	80		82		84			
*14:27	DR14(6)							71								79	80	81			84			
*14:32:01-14:32:02	-							w											82	83	84			
*14:37	-																80	81	82					
*14:42	-																	81			84			
*14:46, 14:52	-																			83				
*14:49, 14:119	DR14(6), -							71											82	83	84			
*14:50	DR14(6)									73									82	83	84			
*14:58	-																		82		84			
*14:65	-							w										81		83	84			
*14:68, 14:93	-										74								82	83	84			
*14:69	-															79			82		84			
*14:73	-																80		82	83	84			
*14:74	-															79			82	83	84			
*14:82	-						70												82	83	84			
*14:89	-							71										81			84			
*14:95	-						70											81		83	84			
*14:98	-							71								79		81						
*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:71	DR15(2), DR2, Null, -			67																				
*15:21	-			67																	w			
*15:25	-			67		69																		
*15:27, 15:34, 15:66	-			67																83				
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19	DR16(2), DR2, Null, -				68																			
*16:04, 16:18	DR16(2), -				68																w			
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87

Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele[4]	ser[9]																							
*DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, DRB3*02:28-02:29N, DRB3*03:01:01-03:03*	DR52, Null, -																					85		
*DRB3*02:27*	-															79						85		
*DRB4*01:01-01:03:01:01, DRB4*01:03:01:03-01:08*	DR53, -																						86	
*DRB4*01:03:01:02N*	Null																		82				86	
*DRB5*01:01:01-01:14, DRB5*02:02-02:05*	DR51, Null, -																							87
Well No.	ser[5]	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87