INTERPRETATION TABLE

DR low resolution SSP typing

Amplification patterns of the DRB1*01:01 to DRB1*10:05 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		220		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]	12(124)	14(129)	13(126)	13(126)	13(125)	13(125)	13(125)	13(125)	13(127)	15(133)	26(165)	26(164)	13(125)	15(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)	15(133)		13(125)	13(127)	15(133)	58(261)	30(178)	15(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)	13(127)				38(200)		13(125)	13(125)		37(197)		36(196)	37(199)		
								5' -ATA 3'	5' -gTA 3'				5' -CgT 3'		5' -gTC 3'	5' -gTC 3'		5' -gTA 3'		5' -AgC 3'	5' -TCC 3'		
								13(125)	15(133)							15(133)							
								5' -gTC 3'	5' -gTT 3'							5' -gTT 3'							
																15(133)							
																5' -gTC 3'							
3'-primer(s)[3]	66(286)	66(286)	66(286)	66(286)	73(305)	26(164)	28(171)	32(184)	70(298)	58(260)	57(257)	73(307)	58(260)	29(175)	69(295)	66(286)	58(260)	42(213)	57(257)	57(257)	51(239)	86(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'
	66(286)		69(295)	66(286)	73(305)	71(299)	69(295)	58(260)	73(305)	73(307)	73(305)		58(260)	37(199)	71(299)	70(298)	58(260)	57(257)	69(295)	59(265)	77(317)	86(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'
	66(286)		69(295)	70(297)	74(308)				77(317)	86(344)	77(319)		58(260)		71(299)	70(298)		70(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' -ACT 3'	5' -CTC 3'		5' -CgC 3'	5' -TCC 3'	5' -TCC 3'			
	70(297)		70(298)	71(301)					77(319)											73(307)			

		5' -CTg 3'		5' -CgC 3'	5' -ggC 3'					5' -CAC 3'											5' -CAg 3'			
		71(299)		71(299)																				
		5' -gCg 3'		5' -gCT 3'																				
		77(317)		73(305)																				
		5' -AgT 3'		5' -ggC 3'																				
		86(344)																						
		5' -CCA 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, 01:43-01:58	DR1, Null, -	65																						
*01:03, 01:39N	DR103, DR1, Null		66																					
*01:42	-	65	66																					
*03:01:01:01-03:01:22, 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, 03:77-03:84, 03:86, 03:89	DR17, DR3, Null, -					69	70											81						
*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74, 03:88, 03:90	DR18, DR3, -					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	DR3, -					69	70					75		77										
*03:10	DR3					69	70													83	84			
*03:42, 03:69, 03:87	-					69																		
*03:46, 03:64	-					69	70																	
*03:76	-						70						76			79		81						
*04:01:01-04:05:11, 04:05:13-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:121, 04:123-04:145, 04:147-04:158N	DR4, DR3, Null, -								72															
*04:62, 04:69, 04:73, 04:105:01-04:105:02, 04:122, 04:146	DR4, -								72										82					
*07:01:01:01-07:01:04, 07:03-07:24	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, 08:50, 08:52	DR8, -										74						80							
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]																							

*08:03:02-08:03:03, 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, 08:36:01, 08:37-08:38, 08:45-08:49, 08:51	DR8, -										74													
*08:08	DR8										74						80		82					
*08:09, 14:15[5]	DR8										74						80				84			
*08:20, 13:18, 13:47, 13:55, 13:158[6]	DR13, -															79	80	81			84			
*08:21	DR8										74					79	80				84			
*08:31, 08:41, 11:67[7]	DR8, DR11, -										74			77			80							
*08:32, 08:53	-										74				78						84			
*08:35, 08:36:02	-										74										84			
*08:40	-						70				74													
*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:20	DR9, -											75								83				
*09:01:06, 09:03	DR9											75												
*10:01:01-10:05	DR10, -												76											
*11:01:01-11:01:17, 11:04:01-11:04:11, 11:06:01-11:06:03, 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, 11:128-11:129, 11:133-11:134, 11:137, 11:140-11:141, 11:144-11:145	DR11, -													77		79	80							
*11:01:18, 11:08:01-11:08:02, 11:18-11:19:03, 11:42, 11:57, 11:130	DR11, -													77		79								
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]																							

*11:02:01-11:03, 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, 11:127, 11:138-11:139	DR11, DR13, -						70							77		79	80							
*11:05	DR11													77			80							
*11:07, 11:53, 11:103, 11:105, 11:107, 11:125	DR11, -					69						75		77										
*11:13:01-11:13:02	DR11							w						77						83	84			
*11:17, 11:52	DR14, DR11													77						83	84			
*11:22, 11:98, 11:104, 11:136, 11:143	-													77										
*11:23:01, 11:25, 11:96	DR11, -													77		79	80				84			
*11:26, 11:34	DR11							71						77										
*11:31, 11:45, 11:64, 11:119	DR11, -													77		79					84			
*11:55	DR11													77			80				84			
*11:59, 11:80, 11:83, 11:87, 11:135, 11:142	DR11, -						70						76	77		79	80							
*11:69, 11:82	-													77			80		82					
*11:73, 11:79, 11:131-11:132	-						70							77		79								
*11:89	-													77							84			
*12:01:01-12:01:05, 12:03:02-12:03:03, 12:05-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:36, 12:38	DR12, 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, 12:37	DR12, Null, -														78		80							
*12:04, 12:39	DR12, -										74				78									
*12:16:01-12:16:02	-										74				78		80							
*12:22	-									73	74				78									
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]																							

*13:01:01-13:02:01, 13:02:03-13:02:08, 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, 13:138-13:143, 13:145, 13:147-13:149, 13:153, 13:155	DR13, DR11, DR14, Null, -						70									79	80	81						
*13:02:02	DR13						70											81						
*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, 13:94:01-13:95, 13:101, 13:115, 13:120, 13:133, 13:137N, 13:151-13:152	DR13, 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, 13:150	DR13, DR11, DR6, -															79	80	81						
*13:06, 13:12:01-13:12:03, 13:25, 13:30, 13:56, 13:58, 13:60, 13:77, 13:82, 13:110, 13:118, 13:134, 13:157, 13:161	DR13, DR11, DR6, -															79		81						
*13:09	DR13																80	81						
*13:13, 13:119, 13:154, 13:156, 14:84, 14:116[8]	DR13, -															79		81			84			
*13:15, 13:19, 13:53, 13:57, 13:104	DR13, -						70	71								79	80	81						
*13:17, 13:116	DR13, -						70			73							80							
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]**																							
*13:26:01-13:26:02	DR14, -							71								79	80	81						
*13:27, 13:41, 13:71	DR13						70						76			79	80	81						
*13:43, 13:159	DR13, -						70									79	80			83	84			

*13:44, 13:86	-							71										81						
*13:45	DR13						70									79	80		82		84			
*13:67, 13:103, 13:160	DR13, -															79	80							
*13:85	-						70	71								79		81						
*13:122	-						70									79								
*13:129	-						70						76				80	81						
*13:144	-						70									79	80	81			84			
*13:146	-																80	81			84			
*14:01:01-14:01:02, 14:01:04, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:32:03, 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, 14:129, 14:131, 14:138-14:140	DR14, DR1404, DR4, DR6, -																		82	83	84			
*14:01:03, 14:08, 14:23:02, 14:34, 14:54:02, 14:72, 14:92N, 14:97, 14:126, 14:130, 14:133	DR14, 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, 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, 14:135	DR1403, DR14, DR6, -							71								79		81			84			
*14:05:01-14:05:04, 14:14, 14:23:01, 14:23:03-14:23:04, 14:36, 14:43-14:45, 14:56, 14:59, 14:64, 14:91, 14:96, 14:100, 14:103, 14:123, 14:127:01-14:127:02, 14:134	DR14, -																	81		83	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]																							
*14:11	DR14										74									83	84			
*14:16	DR6						70									79	80		82	83	84			
*14:18, 14:81	DR14, -							71										81		83	84			
*14:19, 14:21, 14:109	DR14, -						70	71								79		81		w				
*14:22, 14:105	DR14, -															79	80		82	83	84			
*14:24	DR14							71									80	81						

*14:25, 14:53, 14:128	DR6, DR13, 14, -															79	80		82		84			
*14:27	DR14							71								79	80	81			84			
*14:32:01-14:32:02	DR14							w											82	83	84			
*14:37	DR14																80	81	82					
*14:42, 14:136	-																	81			84			
*14:46, 14:52	DR14																			83				
*14:49, 14:119	DR14, -							71											82	83	84			
*14:50	DR14									73									82	83	84			
*14:58	DR14																		82		84			
*14:65	DR6							w										81		83	84			
*14:68, 14:93	DR14, -										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						
*14:132	-						70													83	84			
*14:137N	Null						70									79			82	83	84			
*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:94	DR15, DR2, Null, -			67																				
*15:21	DR2			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, 16:19-16:23	DR16, Null, -				68																			
*16:04, 16:18	DR16, -				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*01:01:01:01-01:03:01:01, DRB4*01:03:01:03-01:08*	DR53, -																						86	
*DRB4*01:03:01:02N*	Null																		82				86	
*DRB5*01:01:01-01:14, DRB5*02:02-02:06*	DR51, -, Null, -																							87
Well No.	ser[9]	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87