

INTERPRETATION TABLE																
DRB1*03 SSP subtyping																
Amplification patterns of the DRB1*03:01 to *03:89 alleles																
	Well ⁸															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec. PCR product(s)	220	85	190	190	75	105	130	185	135	145	105	135	165	105	155	195
											180	190	225	135		
														245		
Length of int. pos. control ¹	515	430	515	430	430	430	430	430	430	430	515	430	430	515	430	430
5'-primer ²	26(164)	13(125)	36(196)	36(196)	26(164)	26(164)	26(164)	26(164)	26(164)	13(125)	13(125)	26(164)	13(125)	26(164)	13(125)	26(164)
	5'-gTA 3'	5'-gTC 3'	5'-AgA 3'	5'-AgA 3'	5'-gTA 3'	5'-gTA 3'	5'-gTA 3'	5'-gTT 3'	5'-gTA 3'	5'-gTC 3'	5'-gTC 3'	5'-gTA 3'	5'-gTC 3'	5'-gTA 3'	5'-gTC 3'	5'-gTA 3'
3'-primer(s) ³	86(344)	28(171)	86(344)	86(344)	37(197)	47(227)	53(247)	74(308)	57(257)	47(227)	34(188)	57(257)	51(241)	47(229)	51(239)	77(317)
	5'-CCA 3'	5'-CTC 3'	5'-CAC 3'	5'-CCA 3'	5'-Cgg 3'	5'-ggA 3'	5'-CCg 3'	5'-CCC 3'	5'-CAT 3'	5'-ggT 3'	5'-CCC 3'	5'-Cag 3'	5'-CTg 3'	5'-CCA 3'	5'-CCC 3'	5'-Agg 3'
							58(260)		57(258)		60(266)	74(308)	56(254)	56(256)	51(241)	
							5'-CCT 3'		5'-gCg 3'		5'-Agg 3'	5'-CCg 3'	5'-CAC 3'	5'-gCT 3'	5'-CTg 3'	
												79(324)	74(308)	93(367)		
												5'-CTC 3'	5'-CCT 3'	5'-TCA 3'		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele ^{4,5}																
Length of spec.	220	85	190	190	75	105	130	185	135	145	105	135	165	105	155	195

[illegible]

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*03:31	1								9	10						
*03:32	1			4		6			9							
*03:33	1			4		6			9							
*03:34	1			4		6			9							
*03:35, 14:127 ⁶										10			13			
*03:36	1			4		6			9							
*03:37	1			4		6			9						15	
*03:38, 03:88		2	3					8		10	11					
*03:39	1			4		6			9							
*03:40								8								
*03:41								8		10						
*03:42, 03:87	1			4		6			9							
*03:43	1					6			9							
*03:44	1					6			9							
*03:45	1			4		6			9							
*03:46	1			4		6										
*03:47	1			4		6			9				13			
*03:48	1			4		6			9							
*03:49								8								
*03:50	1			4		6			9							
*03:51	1			4		6			9			12				
*03:52	1					6			9							
*03:53		2	3					8								
*03:54				4												
*03:57, 03:63						6			9							
*03:62	1			4		6			9				13		15	
*03:64	1			4		6										
*03:67N	1			4		6			w							
*03:68N	1			4		6			9					14		
*03:69	1			4		6			9							
*03:71	1			4		6			9							
*03:72	1			4		6	7		9							
*03:75	1								9	10						
*03:76	1			4		6			9			12				
*03:77, 03:84, 03:89, 14:95 ⁷	1			4		6			9							
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec. PCR product(s)	220	85	190	190	75	105	130	185	135	145	105	135	165	105	155	195
											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*03:79	1			4		6					11					
*03:80	1			4					9	10					15	

[illegible]

*11:07, 11:103, 11:125								8								
*11:09, 11:20, 11:28:02, 11:122, 13:103, 16:08, DRB3*01:08, DRB3*02:06			3													
*11:10:01-11:10:02, 11:12:01-11:13:02, 11:30, 12:05, 12:14- 12:15, 14:35, 14:72, 14:138 *11:16, 11:40, 11:58:01, 11:113, 13:43, 15:32																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec. PCR product(s)	220	85	190	190	75	105	130	185	135	145	105	135	165	105	155	195
											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*11:17, 11:37:01- 11:37:02, 11:41, 11:48, 11:52, 11:56, 13:122, 14:01:01-14:01:03, 14:07:01-14:08, 14:16, 14:22, 14:23:02, 14:25- 14:26, 14:32:01- 14:32:02, 14:34, 14:39, 14:54:01-14:55, 14:58, 14:60, 14:62, 14:69- 14:70, 14:74-14:75, 14:87-14:88, 14:90, 14:92N, 14:101, 14:104- 14:105, 14:111-14:114, 14:117-14:119, 14:122, 14:124-14:125, 14:129- 14:131, 14:137N, 14:139-14:140										10						
*11:39, 11:43															15	
*11:44, 11:49:01- 11:49:02, 11:85, 11:127																
*11:50										10					15	

[illegible]

*13:02:01-13:02:03, 13:02:05-13:02:08, 13:05:01-13:05:02, 13:29, 13:31, 13:50:02, 13:56, 13:63, 13:73- 13:74, 13:96:01- 13:96:02, 13:99, 13:119, 13:123-13:124, 13:126, 13:128, 13:139- 13:140, 13:142N- 13:143, 13:145, 13:147, 13:155, 13:157- 13:158, 14:30, 14:134			3													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec. PCR product(s)	220	85	190	190	75	105	130	185	135	145	105	135	165	105	155	195
											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*13:02:04, 13:04, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:16, 13:21:01-13:25, 13:30, 13:44, 13:46, 13:50:01, 13:52, 13:62, 13:66:01-13:66:02, 13:68, 13:75, 13:82, 13:97:01-13:97:02, 13:109, 13:132, 13:154, 14:42																
*13:15		2		4												
*13:19, 14:20, 14:40, 14:94, 14:102		2								10						
*13:26:01-13:26:02, 13:85, 14:02-14:03:01, 14:13, 14:19, 14:24, 14:27, 14:47, 14:51, 14:63, 14:67, 14:85, 14:89, 14:98, 14:135		2	3							10						
*13:27, 13:71, 13:129	1			4		6			9			w				16
*13:32, 13:40, 14:80				4						10						
*13:34, 13:136			3													
*13:36, 13:65, 13:120, 14:09			3							10						
*13:39			3								11					

*13:41			3			6				9			w				16
*13:53, 14:06:01-14:06:02, 14:12:01-14:12:02, 14:18, 14:78, 14:81, 14:106, 14:108		2		4							10						
*13:54, 13:100												11					
*13:57		2															
*13:58, 13:81											10						
*13:64																	
*13:67			3														
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Length of spec. PCR product(s)	220	85	190	190	75	105	130	185	135	145	105	135	165	105	155	195	
											180	190	225	135			
														245			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
*13:77-13:79, 14:64				4							11						
*13:83, 13:107, 14:65																	
*13:86		2															
*13:104, 14:03:02		2	3														
*13:106																	
*13:118, 13:135, 14:96										10					15		
*13:131				4											15		
*13:144	1			4		6			9							16	
*13:150															15		
*14:29		2		4						10							
*14:38										10			13				
*14:41, 14:77		2								10							
*14:46, DRB3*02:20			3														
*14:48, 14:109, 14:115		2	3							10	11						
*14:49		2								10							
*14:52				4													
*14:59				4						10					15		
*14:82	1									10		12					
*14:83		2		4						10							
*14:86										10					15		
*14:97										10							
*14:99										10							
*14:110										10							
*14:121				4						10							
*14:132	1			4		6						12					
*14:133				4						10							

*15:25								8								
DRB3*01:14										10	11					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE																
DRB1*03 SSP subtyping																
Amplification patterns of the DRB1*03:01 to *03:89 alleles																
Well ⁸																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec.
			120	150		165		180		150	160	180		245		PCR product(s)
			245					230		175	195					
										230						
515	430	515	430	430	430	430	430	430	515	515	430	430	430	515	430	Length of int.
																pos. control ¹
																5'-primer ²
5'-gTC ^{3'}	5'-gTT ^{3'}	5'-TCg ^{3'}	5'-gTA ^{3'}	5'-gCT ^{3'}	5'-gTA ^{3'}	5'-gTA ^{3'}	5'-gAg ^{3'}	5'-ACg ^{3'}	5'-gTC ^{3'}	5'-gTC ^{3'}	5'-gAT ^{3'}	5'-CCg ^{3'}	5'-gTC ^{3'}	5'-CAG ^{3'}	5'-gTA ^{3'}	
	5'-ATT ^{3'}			5'-gTT ^{3'}				5'-ACg ^{3'}			5'-AAA ^{3'}	5'-CAA ^{3'}		5'-gAT ^{3'}		
				5'-gTT ^{3'}				5'-CTA ^{3'}			5'-CTA ^{3'}					
5'-Cag ^{3'}	5'-ggC ^{3'}	5'-AgT ^{3'}	5'-gTA ^{3'}	5'-ggA ^{3'}	5'-CCg ^{3'}	5'-CCC ^{3'}	5'-gTT ^{3'}	5'-ggC ^{3'}	5'-Cag ^{3'}	5'-Cag ^{3'}	5'-ggC ^{3'}	5'-ggC ^{3'}	5'-Cgg ^{3'}	5'-ggC ^{3'}	5'-AAT ^{3'}	3'-primer(s) ³
			51(241)			66(286)			38(200)	48(232)			58(260)			
			5'-CTT ^{3'}			5'-gAT ^{3'}			5'-gCg ^{3'}	5'-Cgg ^{3'}			5'-Cag ^{3'}			
			5'-TCA ^{3'}							5'-CgC ^{3'}	5'-gTT ^{3'}					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																DRB1 allele ^{4,5}
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec.

			120	150		165		180		150	160	180		245		PCR product(s)
			245					230		175	195					
										230						
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																DRB1 allele ^{4,5}
	18												30			*03:01:01-03:01:21, 03:55-03:56, 03:58- 03:59, 03:61, 03:66, 03:70, 03:73, 03:78, 03:83, 03:86
							24						30			*03:02:01-03:02:02, 03:74
							24						30			*03:03
	18												30			*03:04:01-03:04:02
	18												30			*03:05:01-03:05:03
													30			*03:06, 03:60
	18												30			*03:07
	18															*03:08, 03:65
	18					23							30			*03:09
	18															*03:10
													30			*03:11:01
	18												30			*03:12
	18												30			*03:13:01-03:13:02
	18												30			*03:14
	18												30			*03:15
	18												30			*03:16
													30			*03:17
	18				22								30			*03:18
	18					23							30			*03:19
17	18												30			*03:20
	18			21									30			*03:21
	18	19											30			*03:22
	18					23							30			*03:23
													30			*03:24
	18		20										30			*03:25
									26				30			*03:26
							24						30			*03:27
	18		20										30			*03:28
	18						24						30			*03:29
	18			21									30			*03:30
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)
			120	150		165		180		150	160	180		245		
			245					230		175	195					
										230						

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
			20										30			*03:31
	18							25					30			*03:32
	18								26				30			*03:33
	18									27			30			*03:34
													30			*03:35, 14:127 ⁶
	18										28		30			*03:36
	18												30			*03:37
							24						30			*03:38, 03:88
	18											29	30			*03:39
	18											29	30			*03:40
												29	30			*03:41
	18			21												*03:42, 03:87
	18			21					26	27			30			*03:43
	18								26				30			*03:44
	18										28		30	31		*03:45
	18									27						*03:46
	18												30			*03:47
	18												30		32	*03:48
	18												30			*03:49
	18												30	31		*03:50
	18												30			*03:51
	18											29	30			*03:52
							24			27			30			*03:53
	18												30			*03:54
	18												30			*03:57, 03:63
	18												30			*03:62
	18															*03:64
	18							25			28		30			*03:67N
	18		20										30			*03:68N
	18							25								*03:69
	18								26	27			30			*03:71
	18												30			*03:72
			20									29	30			*03:75
													30			*03:76
													30			*03:77, 03:84, 03:89, 14:95 ⁷
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)
			120	150		165		180		150	160	180		245		
			245					230		175	195					
										230						
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
	18												30			*03:79
													30			*03:80

																	*03:81
	18												30				*03:82
																	*01:16, 01:55, 04:22, 14:76, 14:79, <i>DRB3</i> *01:09, <i>DRB3</i> *02:04, <i>DRB3</i> *02:19, <i>DRB3</i> *02:22, <i>DRB3</i> *03:03
													30				*08:20, 13:03:01- 13:03:06, 13:07:01- 13:08, 13:12:01-13:13, 13:33:01-13:33:03, 13:37-13:38, 13:47- 13:49, 13:55, 13:60, 13:70, 13:72, 13:76, 13:84, 13:88-13:90, 13:94:01-13:95, 13:101, 13:108, 13:115, 13:133-13:134, 13:149, 13:151-13:152, 14:05:01-14:05:04, 14:14, 14:23:01, 14:23:03-14:23:04, 14:36-14:37, 14:43- 14:45, 14:56, 14:84, 14:91, 14:100, 14:103, 14:116, 14:123, 14:136
																	*09:01:08, 09:02:01- 09:02:02, <i>DRB3</i> *01:07, <i>DRB3</i> *01:15
																	*09:05
																	*09:06
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)	
			120	150		165		180		150	160	180		245			
			245					230		175	195						
										230							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
																*09:08	
17																*11:06:01-11:06:03, 11:21, 11:47, 11:57, 11:129	

	18											29					*11:07, 11:103, 11:125
																	*11:09, 11:20, 11:28:02, 11:122, 13:103, 16:08, DRB3*01:08, DRB3*02:06
				21													*11:10:01-11:10:02, 11:12:01-11:13:02, 11:30, 12:05, 12:14- 12:15, 14:35, 14:72, 14:138
																	*11:16, 11:40, 11:58:01, 11:113, 13:43, 15:32
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)	
			120	150		165		180		150	160	180		245			
			245					230		175	195						
										230							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
																*11:17, 11:37:01- 11:37:02, 11:41, 11:48, 11:52, 11:56, 13:122, 14:01:01-14:01:03, 14:07:01-14:08, 14:16, 14:22, 14:23:02, 14:25- 14:26, 14:32:01- 14:32:02, 14:34, 14:39, 14:54:01-14:55, 14:58, 14:60, 14:62, 14:69- 14:70, 14:74-14:75, 14:87-14:88, 14:90, 14:92N, 14:101, 14:104- 14:105, 14:111-14:114, 14:117-14:119, 14:122, 14:124-14:125, 14:129- 14:131, 14:137N, 14:139-14:140	
																*11:39, 11:43	
									26							*11:44, 11:49:01- 11:49:02, 11:85, 11:127	
									26							*11:50	

																	*11:59
									26	27							*11:76
			20														*11:80, 11:142
																	*11:83
	18												29				*11:87
													29				*11:105
																	*11:107
				21					26	27							*11:114
																	*11:115
																	*11:116, 11:120
			20														*11:135
																	*11:136
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)	
			120	150		165		180		150	160	180		245			
			245					230		175	195						
										230							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.	
													30			*13:01:01-13:01:13, 13:06, 13:09-13:10, 13:18, 13:20, 13:28, 13:35, 13:42, 13:51, 13:59, 13:61:01- 13:61:02, 13:69, 13:80, 13:87, 13:91-13:93, 13:98, 13:102, 13:105, 13:110-13:114, 13:117, 13:121, 13:125, 13:127, 13:130, 13:137N-13:138, 13:141, 13:146, 13:148, 13:153, 13:156, 14:17, 14:21, 14:33	

																*13:02:01-13:02:03, 13:02:05-13:02:08, 13:05:01-13:05:02, 13:29, 13:31, 13:50:02, 13:56, 13:63, 13:73- 13:74, 13:96:01- 13:96:02, 13:99, 13:119, 13:123-13:124, 13:126, 13:128, 13:139 13:140, 13:142N- 13:143, 13:145, 13:147, 13:155, 13:157 13:158, 14:30, 14:134
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)
			120	150		165		180		150	160	180		245		
			245					230		175	195					
										230						
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
													30			*13:02:04, 13:04, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:16, 13:21:01-13:25, 13:30, 13:44, 13:46, 13:50:01, 13:52, 13:62, 13:66:01-13:66:02, 13:68, 13:75, 13:82, 13:97:01-13:97:02, 13:109, 13:132, 13:154, 14:42
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255	120	175	75	70	95	65	65	75	115	115	75	155	175	195	215	Length of spec. PCR product(s)	
			120	150		165		180		150	160	180		245			
			245					230		175	195						
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									26	27							DRB3*01:14
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		Well No.