

INTERPRETATION TABLE																
DRB1*03 SSP subtyping																
Amplification patterns of the DRB1*03:01 to *03:81 alleles																
	Well ⁷															
	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	135	185	135	145	105	135	165	105	155	195
											180	190		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)	58(260)	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'-CCT 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
									57(258)		60(266)	74(308)	56(254)	56(256)	51(241)	
									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. PCR product(s)	220	85	190	190	75	105	135	185	135	145	105	135	165	105	155	195
											180	190		245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

DRB1 allele^{4,5}																
*03:01:01-01- 03:01:19, 03:55-03:56, 03:58- 03:59, 03:61, 03:66, 03:70, 03:73, 03:78	1			4		6			9							
*03:02:01-03:02:02, 03:74		2	3					8		10						
*03:03		2		4				8		10						
*03:04:01-03:04:02	1				5	6			9							
*03:05:01-03:05:03			3			6			9							
*03:06, 03:60	1			4					9	10						
*03:07				4				8								
*03:08, 03:65	1			4		6	7									
*03:09			3			6			9		11					
*03:10	1			4		6						12				
*03:11	1			4		6			9					13		
*03:12	1			4		6								14		
*03:13:01-03:13:02	1			4		6			w		11					
*03:14			3			6			9							16
*03:15	1			4		6			9							16
*03:16	?			?		w			9					14		
*03:17										10				13		15
*03:18	1			4		6			9							
*03:19	1			4		6			9							
*03:20	1			4		6			9							
*03:21								8								
*03:22	1			4		6			9							
*03:23	1			4		6			9		11					
*03:24				4										13		
*03:25	1					6			9							
*03:26	1			4					9	10						
*03:27		2	3							10				13		
*03:28	1			4		6			9							
*03:29		2	3					8								
*03:30	1					6			9							
*03:31	1								9	10						
*03:32	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.	220	85	190	190	75	105	135	185	135	145	105	135	165	105	155	195
PCR product(s)											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*03:33, 03:71	1			4		6			9							
*03:34	1			4		6			9							
*03:35										10			13			

*03:36	1			4		6			9							
*03:37	1			4		6			9						15	
*03:38		2	3					8		10	11					
*03:39	1			4		6			9							
*03:40								8								
*03:41								8		10						
*03:42	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							
*03:72	1			4		6			9							
*03:75	1								9	10						
*03:76	1			4		6			9			12				
*03:77, 14:95 ⁶	1			4		6			9							
*03:79	1			4		6					11					
*03:80	1			4					9	10					15	
*03:81	1		3	4		6			9					13		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	220	85	190	190	75	105	135	185	135	145	105	135	165	105	155	195
PCR product(s)											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*01:16, 04:22, 14:76, 14:79, DRB3*01:09, DRB3*02:04, DRB3*02:19, DRB3*02:22, DRB3*03:03								8								

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*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										10						
*11:39, 11:43														15		
*11:44, 11:49:01-11:49:02, 11:76, 11:85																
*11:50										10				15		
*11:59	1			4		6	7					w				16
*11:80						6	7					w				16
*11:83	1			4			7			10		w				16
*11:87			3			6	7					w				16
*11:105																
*11:107								8		10						
*11:114																
*11:115				4											15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	220	85	190	190	75	105	135	185	135	145	105	135	165	105	155	195
PCR product(s)											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*11:116, 11:120											11					

*13:01:01-13:01:11, 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, 14:17, 14:21, 14:33				4												
*13:02:01-13:02:03, 13:02:05, 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, 14:30			3													
*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, 13:109, 13:132, 14:42																
*13:15		2		4												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	220	85	190	190	75	105	135	185	135	145	105	135	165	105	155	195
PCR product(s)											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*13:19, 14:20, 14:40, 14:94, 14:102		2								10						

*13:26, 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		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													
*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	
*14:29		2		4						10						
*14:38										10			13			
*14:41, 14:77		2								10						
*14:46, DRB3*02:20			3													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	220	85	190	190	75	105	135	185	135	145	105	135	165	105	155	195
PCR product(s)											180	190	225	135		
														245		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*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, 14:110										10						
*14:99										10						
*14:121				4						10						
*15:25								8								
<i>DRB3*01:14</i>										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 *03:81 alleles																
Well ⁷																
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	150	75	155	175	195	215	Length of spec.
			120	150	125	125		180		175	160	180		245		PCR product(s)
			245			165				230	195					
515	430	515	430	430	430	430	430	430	515	515	430	430	430	515	430	Length of int.
																pos. control ¹
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'-primer ²
	47(227)			37(197)				61(269)			33(186)	34(189)		21(149)		
	5'-ATT ³			5'-gTT ³				5'-CTA ³			5'-AAA ³	5'-CAA ³		5'-gAT ³		
				37(197)							61(269)					
				5'-gTT 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'-Cgg ³	5'-ggC ³	5'-ggC ³	5'-Cgg ³	5'-ggC ³	5'-AAT ³	3'-primer(s) ³
			51(241)		53(247)	53(247)			38(200)	58(260)			58(260)			
			5'-CTT ³		5'-CCg ³	5'-CCg ³			5'-gCg ³	5'-CgC ³			5'-Cag ³			
			93(367)			66(286)				75(313)						
5'-TCA ³			5'-gAT ³			5'-gAT 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	150	75	155	175	195	215	Length of spec.
			120	150	125	125		180		175	160	180		245		PCR product(s)
			245			165				230	195					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

																DRB1 allele^{4,5}
	18												30			*03:01:01-03:01:19, 03:55-03:56, 03:58-03:59, 03:61, 03:66, 03:70, 03:73, 03:78
							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
	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
			20										30			*03:31
	18							25					30			*03:32
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	150	75	155	175	195	215	Length of spec.
			120	150	125	125		180		175	160	180		245		PCR product(s)
			245			165				230	195					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
	18								26				30			*03:33, 03:71
	18									27			30			*03:34
													30			*03:35

	18									28		30				*03:36
	18											30				*03:37
							24					30				*03:38
	18											29	30			*03:39
	18											29	30			*03:40
												29	30			*03:41
	18			21												*03:42
	18			21					26				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															*03:69
	18				22	23						30				*03:72
			20									29	30			*03:75
												30				*03:76
												30				*03:77, 14:95 ⁶
	18											30				*03:79
												30				*03:80
												30				*03:81
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	150	75	155	175	195	215	Length of spec.
			120	150	125	125		180		175	160	180		245		PCR product(s)
			245			165				230	195					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																*01:16, 04:22, 14:76, 14:79, DRB3*01:09, DRB3*02:04, DRB3*02:19, DRB3*02:22, DRB3*03:03

																*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, 13:94-13:95, 13:101, 13:108, 13:115, 13:133-13:134, 14:05:01-14:05:03, 14:14, 14:23:01, 14:23:03, 14:36-14:37, 14:43-14:45, 14:56, 14:84, 14:91, 14:100, 14:103, 14:116, 14:123
																*09:01:08-09:02:02, DRB3*01:07, DRB3*01:15
																*09:05
																*09:06
																*09:08
17																*11:06:01-11:06:02, 11:21, 11:47, 11:57
	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
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	150	75	155	175	195	215	Length of spec.
			120	150	125	125		180		175	160	180		245		PCR product(s)
			245			165				230	195					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
				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
																*11:16, 11:40, 11:58:01, 11:113, 13:43, 15:32

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													30			*13:01:01-13:01:11, 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, 14:17, 14:21, 14:33
													30			*13:02:01-13:02:03, 13:02:05, 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, 14:30
													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, 13:109, 13:132, 14:42
							24						30			*13:15
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	150	75	155	175	195	215	Length of spec.
			120	150	125	125		180		175	160	180		245		PCR product(s)
			245			165				230	195					
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
													30			*13:19, 14:20, 14:40, 14:94, 14:102

							24						30				*13:26, 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
													30				*13:27, 13:71, 13:129
													30				*13:32, 13:40, 14:80
									26				30				*13:34, 13:136
													30				*13:36, 13:65, 13:120, 14:09
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