

INTERPRETATION TABLE																
DRB1*03 SSP subtyping																
Amplification patterns of the DRB1*03:01 to *03:52 alleles																
	Well ⁴															
	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	170	105	155	195
PCR product(s)											180	200	225	135		
Length of int.	515	430	515	430	430	430	430	430	430	430	515	430	430	515	430	430
pos. control ¹																
5'-primer ²	26(164)	13(125)	37(196)	37(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)	56(254)	48(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'-CAC 3'	5'-CCA 3'	5'-CCC 3'	5'-Agg 3'
											60(266)	79(324)	74(308)	57(256)		
											5'-Agg 3'	5'-CTC 3'	5'-CCT 3'	5'-gCT 3'		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB1 allele																
*03:01:01:01-03:01:09	1			4		6			9							
*03:02:01-03:02:02		2	3					8		10						
*03:03		2		4				8		10						
*03:04	1				5	6			9							
*03:05:01-03:05:03			3			6			9							
*03:06	1			4					9	10						
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	170	105	155	195
PCR product(s)											180	200	225	135		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*03:07				4				8								
*03:08	1			4		6	7									
*03:09			3			6			9		11					
*03:10	1			4		6						12				
*03:11:01-03:11:02	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							
*03:33	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										
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	170	105	155	195
PCR product(s)											180	200	225	135		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*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							
*01:16, 04:22, 14:76, 14:79, DRB3*01:09, DRB3*02:04, DRB3*02:19, DRB3*02:22, DRB3*03:03								8								
*08:20, 13:03:01- 13:03:05, 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, 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										10						
*09:02:02, DRB3*01:07									9							
*09:05																16
*09:06	1															
*09:08														14		
*11:06:01-11:06:02, 11:21, 11:47, 11:57																
*11:07								8								
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	170	105	155	195
PCR product(s)											180	200	225	135		

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*11:09, 11:20, 11:28:02, 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																
*11:16, 11:40, 11:58:01, 13:43, 15:32				4												
*11:17, 11:37, 11:41, 11:48, 11:52, 11:56, 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, 14:54-14:55, 14:58, 14:60, 14:62, 14:69-14:70, 14:74- 14:75, 14:87-14:88, 14:90, 14:92N										10						
*11:39, 11:43															15	
*11:44, 11:49:01, 11:76, 11:85																
*11:50										10					15	
*11:59	1			4		6	7									16
*11:80						6	7									16
*11:83	1			4			7			10						16
*11:87			3			6	7									16
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	170	105	155	195
PCR product(s)											180	200	225	135		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

*13:01:01-13:01:07, 13:06, 13:09-13:10, 13:18, 13:20, 13:28, 13:35, 13:42, 13:51, 13:59, 13:61:01, 13:69, 13:80, 13:87, 13:91-13:93, 13:98, 14:17, 14:21, 14:33				4												
*13:02:01-13:02:03, 13:05:01-13:05:02, 13:29, 13:31, 13:50:02, 13:56, 13:63, 13:73-13:74, 13:96, 14:30			3													
*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, 14:42																
*13:15		2		4												
*13:19, 14:20, 14:40, 14:94		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	1			4	6			9								16
*13:32, 13:40, 14:80				4					10							
*13:34			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	170	105	155	195
PCR product(s)											180	200	225	135		

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*13:36, 13:65, 14:09			3							10						
*13:39			3								11					
*13:41			3			6			9							16
*13:53, 14:06:01- 14:06:02, 14:12:01, 14:18, 14:78, 14:81		2		4						10						
*13:54											11					
*13:57		2														
*13:58, 13:81										10						
*13:64																
*13:67			3													
*13:77-13:79, 14:64				4							11					
*13:83, 14:65																
*13:86		2														
*14:03:02		2	3													
*14:29		2		4						10						
*14:38										10			13			
*14:41, 14:77		2								10						
*14:46, DRB3*02:20			3													
*14:48		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	
*14:95	1			4		6			9							
*14:96										10					15	
*14:97										10						
*14:99										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 *03:52 alleles																
Well ⁴																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
255	120	175	75	70	95	65	65	180	115	175	160	155	175	195	215	Length of spec. PCR product(s)
			120	150		165				230	195	180		245		Length of int. pos. control ¹
515	430	515	430	430	430	430	430	430	515	515	430	430	430	515	430	5'-primer ²
13(125)	47(227)	32(181)	26(164)	10(116)	26(164)	26(164)	28(171)	27(166)	13(125)	13(125)	21(149)	27(167)	13(125)	6(103)	26(164)	
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'	
				37(197)							33(186)	34(189)		21(149)		
				5'-gTT 3'							5'-AAA 3'	5'-CAA 3'		5'-gAT 3'		
				37(197)												
				5'-gTT 3'												
85(341)	73(305)	77(317)	37(196)	47(227)	45(220)	34(188)	37(196)	73(305)	38(199)	58(260)	73(305)	73(305)	58(260)	73(305)	85(340)	3'-primer(s) 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'-CgC 3'	5'-ggC 3'	5'-ggC 3'	5'-Cgg 3'	5'-ggC 3'	5'-AAT 3'	
			52(241)			67(286)			38(200)	76(313)			58(260)			
			5'-CTT 3'			5'-gAT 3'			5'-gCg 3'	5'-gTT 3'			5'-Cag 3'			
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																DRB1 allele
	18												30			*03:01:01-03:01:09
							24						30			*03:02:01-03:02:02
							24						30			*03:03
	18		w										30			*03:04
	18												30			*03:05:01-03:05:03
													30			*03:06
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	180	115	175	160	155	175	195	215	Length of spec.
			120	150		165				230	195	180		245		PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
	18												30			*03:07
	18															*03:08
	18					23							30			*03:09
	18															*03:10
													30			*03:11:01-03:11:02
	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
	18								26				30			*03:33
	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
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	180	115	175	160	155	175	195	215	Length of spec.
			120	150		165				230	195	180		245		PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
	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
																*01:16, 04:22, 14:76, 14:79, DRB3*01:09, DRB3*02:04, DRB3*02:19, DRB3*02:22, DRB3*03:03
													30			*08:20, 13:03:01- 13:03:05, 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, 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
																*09:02:02, DRB3*01:07
																*09:05
																*09:06
																*09:08
17																*11:06:01-11:06:02, 11:21, 11:47, 11:57
	18											29				*11:07
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	180	115	175	160	155	175	195	215	Length of spec.
			120	150		165				230	195	180		245		PCR product(s)

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																*11:09, 11:20, 11:28:02, 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
																*11:16, 11:40, 11:58:01, 13:43, 15:32
																*11:17, 11:37, 11:41, 11:48, 11:52, 11:56, 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, 14:54-14:55, 14:58, 14:60, 14:62, 14:69-14:70, 14:74- 14:75, 14:87-14:88, 14:90, 14:92N
																*11:39, 11:43
									26							*11:44, 11:49:01, 11:76, 11:85
									26							*11:50
																*11:59
			20													*11:80
																*11:83
																*11:87
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	180	115	175	160	155	175	195	215	Length of spec.
			120	150		165				230	195	180		245		PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

													30			*13:01:01-13:01:07, 13:06, 13:09-13:10, 13:18, 13:20, 13:28, 13:35, 13:42, 13:51, 13:59, 13:61:01, 13:69, 13:80, 13:87, 13:91-13:93, 13:98, 14:17, 14:21, 14:33
													30			*13:02:01-13:02:03, 13:05:01-13:05:02, 13:29, 13:31, 13:50:02, 13:56, 13:63, 13:73-13:74, 13:96, 14:30
													30			*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, 14:42
							24						30			*13:15
													30			*13:19, 14:20, 14:40, 14:94
							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
													30			*13:32, 13:40, 14:80
									26				30			*13:34
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	180	115	175	160	155	175	195	215	Length of spec.
			120	150		165				230	195	180		245		PCR product(s)

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
													30			*13:36, 13:65, 14:09
													30			*13:39
													30			*13:41
							24						30			*13:53, 14:06:01- 14:06:02, 14:12:01, 14:18, 14:78, 14:81
													30			*13:54
				21									30			*13:57
17													30			*13:58, 13:81
				21					26				30			*13:64
				21												*13:67
													30			*13:77-13:79, 14:64
				21									30			*13:83, 14:65
													30			*13:86
							24						30			*14:03:02
17							24						30			*14:29
																*14:38
									26				30			*14:41, 14:77
							24									*14:46, DRB3*02:20
							24						30			*14:48
																*14:49
							24									*14:52
													30			*14:59
																*14:82
													30			*14:83
																*14:86
													30			*14:95
													30			*14:96
									26							*14:97
17																*14:99
	18															*15:25
									26							DRB3*01:14
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.