

INTERPRETATION TABLE															
DRB3 SSP subtyping															
Amplification patterns of the DRB3*01:01 to *03:03 alleles															
	Well ⁵														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120
PCR product					125		180					145			180
															210
Length of int.	515	430	430	430	430	430	515	430	430	515	515	515	515	515	430
pos. control ¹															
5'-primer(s) ²	10(116)	30(175)	11(119)	11(118)	11(119)	8(110)	11(119)	11(119)	10(116)	30(175)	10(116)	51(239)	10(116)	38(200)	11(119)
	5'-gCT ³	5'-gAT ³	5'-gCg ³	5'-TgT ³	5'-gCg ³	5'-CTC ³	5'-gCg ³	5'-gCg ³	5'-gCT ³	5'-gAC ³	5'-gCT ³	5'-gAg ³	5'-gCT ³	5'-CgC ³	5'-gCT ³
			11(119)						10(116)				10(116)	38(200)	
			5'-gTg ³						5'-gCT ³				5'-gCT ³	5'-CgC ³	
3'-primer(s) ³	30(175)	57(257)	28(171)	86(344)	28(171)	57(257)	28(169)	38(199)	51(239)	77(317)	86(344)	67(286)	86(344)	86(344)	37(197)
	5'-gTA ³	5'-CgA ³	5'-CTg ³	5'-CAC ³	5'-CTC ³	5'-CgA ³	5'-gTT ³	5'-CAC ³	5'-CCC ³	5'-AgT ³	5'-CCA ³	5'-gAA ³	5'-CAC ³	5'-CAC ³	5'-Cgg ³
	30(175)	57(257)	28(171)		39(202)		57(257)			77(318)		86(344)			37(197)
	5'-gTA ³	5'-CAA ³	5'-ATg ³		5'-gCT ³		5'-CAT ³			5'-TAA ³		5'-CCA ³			5'-CgA ³
															57(257)
															5'-Cag ³
															67(286)
															5'-gAA ³
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150
PCR product					125		180					145			180	
															210	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB3 allele ⁴																
*01:01:02:01-01:01:05	1	2	3										13			
*01:02	1	2	3	4									13			
*01:03	1	2			5								13			
*01:04	1	2	3			6							13			
*01:05	1	2	3				7						13			
*01:06	1	2	3					8					13			
*01:07	1		3				7		9				13	14		
*01:08	1	2	3					8					13			
*01:09										10			13	14		16
*01:10	1	2	3		5								13			
*01:11	1	2	3										13			
*01:12	1	2	3										13			
*01:13	1	2	3										13			
*01:14		2														
*01:15	1		3				7						13			
*02:01									9	10	11	12				
*02:02:01:01-02:02:05									9	10			13	14		
*02:03									9	10			13		15	
*02:04									9	10	11	12				16
*02:05	1								9				13	14		
*02:06									9	10			13	14		
*02:07									9	10			13	14		
*02:08									9	10			13	14		
*02:09										10			13	14		
*02:10										10			13	14		
*02:11									9	10			13	14		
*02:12									9	10			13	14		
*02:13									9	10			13	14		
*02:14									9	10						
*02:15									9				13	14		
*02:16									9	10			13	14	15	
*02:17									9	10		12	13	14	15	
*02:18									9	10			13	14		
*02:19									9	10			13	14		16
*02:20									9	10			13			
*02:21									9	10			13	14		
*02:22									9	10			13	14		16
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150

PCR product					125		180					145			180	
															210	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*02:23									9	10			13	14		
*02:24									9	10	11	12				
*02:25									9	10			13	14		
*02:26									9	10			13	14		
*02:27									9				13	14		
*02:28									9	10			13	14		
*03:01:01-03:01:03	1	2									11				15	
*03:02										10	11				15	
*03:03	1	2											13		15	
DRB1*03:01:02, 03:02:02, 03:05:03, 03:11:02, 03:13:02, 03:17, 03:24, 03:35, 11:27:01, 11:84, 13:33:02-13:33:03, 13:61:01, 13:96:02, 14:38, 14:47, 14:50, 14:98																
DRB1*03:37, 11:43, 11:50, 12:34, 14:59, 4:86, 14:96												12				
DRB1*03:38, 14:48		2														
DRB1*03:42	1		3				7	8			11					
DRB1*03:44																16
DRB1*04:82,04:99, 08:07, 08:19, 08:25, 08:34, 12:27, 13:31, 13:46, 13:54, 13:77, 13:100		w														
DRB1*10:01:01- 10:01:03, 10:03														w		
DRB1*10:02																
DRB1*11:30	w												13			
DRB1*12:22										w						
DRB1*13:67	1												13			
DRB1*13:106																
DRB1*14:46	1				5		7	8					13			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

INTERPRETATION TABLE														
DRB3 SSP subtyping														
Amplification patterns of the DRB3*01:01 to *03:03 alleles														
Well ⁵														
17	18	19	20	21	22	23	24	25	26	27	28	29	30	
120	100	180	165	120	185	195	185	225	235	90	235	160	210	Length of spec. PCR product
180		270	180	210	245			260						
430	430	515	430	430	430	430	430	430	430	430	430	430	430	Length of int. pos. control ¹
10(116)	38(200)	10(116)	10(116)	10(116)	9(112)	26(163)	11(119)	10(116)	12(122)	164(577)	10(116)	38(200)	123(455)	5'-primer(s) ²
5'-gCT ^{3'}	5'-CgC ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-TgC ^{3'}	5'-ggC ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-TAC ^{3'}	5'-CAT ^{3'}	5'-gCT ^{3'}	5'-CgC ^{3'}	5'-CTg ^{3'}	
					29(173)									3'-primer(s) ³
					5'-CAT ^{3'}									
37(196)	57(257)	55(251)	51(239)	37(196)	77(318)	77(318)	58(260)	71(299)	77(317)	179(624)	74(308)	77(317)	179(624)	
5'-gTT ^{3'}	5'-CgA ^{3'}	5'-gCA ^{3'}	5'-CCg ^{3'}	5'-gAg ^{3'}	5'-TAA ^{3'}	5'-TAA ^{3'}	5'-CCT ^{3'}	5'-gCC ^{3'}	5'-AAT ^{3'}	5'-ACg ^{3'}	5'-CCg ^{3'}	5'-Agg ^{3'}	5'-ACg ^{3'}	
37(196)		57(256)	57(257)	67(286)			60(266)	84(337)						
5'-gTT ^{3'}		5'-gCT ^{3'}	5'-CAg ^{3'}	5'-gAT ^{3'}			5'-Agg ^{3'}	5'-CCg ^{3'}						
55(251)		58(260)												
5'-gCA ^{3'}		5'-CCT ^{3'}												
57(257)		86(344)												
5'-CAg ^{3'}		5'-CAg ^{3'}												
17	18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.

120	100	180	165	120	185	195	185	225	235	90	235	160	210	Length of spec.
180		270	180	210	245			260						PCR product
17	18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.
														DRB3 allele ⁴
			20											*01:01:02:01-01:01:05
			20											*01:02
			20											*01:03
			20											*01:04
			20											*01:05
			20											*01:06
														*01:07
17			20											*01:08
	18		20											*01:09
			20											*01:10
			20		22									*01:11
			20					25						*01:12
			20	21										*01:13
									26					*01:14
			20											*01:15
									27					*02:01
														*02:02:01:01-02:02:05
														*02:03
														*02:04
17														*02:05
	18													*02:06
		19												*02:07
														*02:08
	18		20				24							*02:09
			20											*02:10
				21										*02:11
					22									*02:12
						23								*02:13
		19												*02:14
												29		*02:15
17			20											*02:16
														*02:17
		19					24							*02:18
							24							*02:19
17														*02:20
	18						24							*02:21
														*02:22
17	18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.
120	100	180	165	120	185	195	185	225	235	90	235	160	210	Length of spec.

180		270	180	210	245			260						PCR product
17	18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.
17		19												*02:23
														*02:24
							24							*02:25
								25						*02:26
											28	29		*02:27
													30	*02:28
			20				24							*03:01:01-03:01:03
			20				24							*03:02
			20				24							*03:03
														DRB1*03:01:02, 03:02:02, 03:05:03, 03:11:02, 03:13:02, 03:17, 03:24, 03:35, 11:27:01, 11:84, 13:33:02-13:33:03, 13:61:01, 13:96:02, 14:38, 14:47, 14:50, 14:98
														DRB1*03:37, 11:43, 11:50, 12:34, 14:59, 4:86, 14:96
														DRB1*03:38, 14:48
17			20											DRB1*03:42
														DRB1*03:44
														DRB1*04:82,04:99, 08:07, 08:19, 08:25, 08:34, 12:27, 13:31, 13:46, 13:54, 13:77, 13:100
												w		DRB1*10:01:01- 10:01:03, 10:03
												w		DRB1*10:02
		19	20				24				28			DRB1*11:30
									26					DRB1*12:22
17			20								28			DRB1*13:67
												29		DRB1*13:106
17			20								28			DRB1*14:46
17	18	19	20	21	22	23	24	25	26	27	28	29	30	Well No.