INTERPRETATION TABLE

DRB1*14 SSP subtyping

Amplification patterns of the DRB1*14:01 to DRB1*14:109 alleles

	Well[5]																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Length of int.	515	430	430	430	430	515	430	430	430	430	430	515	430	515	430	430	430	430	430	430	515	430	430	430
pos. control[1]																								
5'-primer(s)[2]	13(125)	13(125)	37(196)	13(125)	13(125)	13(125)	13(125)	13(125)	16(135)	11(118)	16(133)	13(125)	34(189)	37(196)	37(196)	57(258)	13(125)	13(125)	37(197)	16(133)	13(125)	13(125)	13(125)	13(125)
	5'-gTC 3'	5'-gTC 3'	5'-AgA 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-ggg 3'	5'-CAA 3'	5'-ACC 3'	5'-gTT 3'	5'-gTC 3'	5'-CAg 3'	5'-AgA 3'	5'-AgA 3'	5'-gAT 3'	5'-gTC 3'	5'-gTC 3'	5'-gTT 3'	5'-gTT 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'
								16(133)	57(256)	13(125)	60(265)			37(196)	37(197)					34(189)				
								5'-gTT 3'	5'-CTA 3'	5'-ACA 3'	5'-AgC 3'			5'-AgA 3'	5'-gTT 3'					5'-CAA 3'				
														60(265)										
														5'-AgC 3'										
3'-primer(s)[3]	70(296)	57(257)	70(295)	28(171)	86(344)	86(344)	74(307)	57(257)	86(344)	57(257)	58(260)	74(308)	60(265)	67(286)	85(341)	78(321)	71(298)	28(171)	71(298)	57(257)	57(256)	47(227)	47(227)	25(161)
	5'-TCC 3'	5'-CAg 3'	5'-CTg 3'	5'-CTC 3'	5'-CAC 3'	5'-CCA 3'	5'-CAg 3'	5'-CAg 3'	5'-CCA 3'	5'-CAg 3'	5'-CCT 3'	5'-CCT 3'	5'-gTg 3'	5'-gAA 3'	5'-CAg 3'	5'-CAA 3'	5'-CTT 3'	5'-CTg 3'	5'-CTC 3'	5'-CAg 3'	5'-gCT 3'	5'-ggT 3'	5'-ggA 3'	5'-ACT 3'
			71(298)								74(307)	74(308)					77(316)	28(171)	74(307)	74(307)	71(298)			38(199)
			5'-CTT 3'								5'-CgC 3'	5'-CCT 3'					5'-ggC 3'	5'-CTg 3'	5'-CAg 3'	5'-CAg 3'	5'-CgC 3'			5'-CAg 3'
												74(308)												45(220)
												5'-CCT 3'												5'-CCg 3'
																								55(250)
																								5'-CCC 3'
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75

PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*14:01:01-14:01:03	1	2				6						12	13					18				22		
*14:02			3	4	5																	22		
*14:03:01-14:03:02				4	5		7															22		
*14:04								8					13							20				
*14:05:01-14:05:02	1					6			9			12				16		18				22		
*14:05:03	1					6			9			12						18				22		
*14:06:01-14:06:02			3	4		6																22		
*14:07:01-14:07:02	1	2			5							12	13					18				22		
*14:08	1					6						12	13			16		18				22		
*14:09			3		5													18				22		
*14:10										10			13											
*14:11											11					16								
*14:12:01-14:12:02				4		6	7															22		
*14:13			3	4	5																21	22		
*14:14	1				5							12				16		18				22		
*14:15																			19	20				
*14:16		2				6					11		13					18	19			22		
*14:17			3			6												18					23	
*14:18	1			4		6						12				16						22		
*14:19			3	4	5												17					22		
*14:20				4		6																22		
*14:21			3			6											17	18					23	
*14:22		2			5						11		13	14				18				22		
*14:23:01-14:23:03	1					6						12				16		18				22		
*14:24				4	5																21	22		
*14:25		2			5						11			14				18		20		22		
*14:26	1	2				6						12	13					18				22		24
*14:27				4	5		7							14								22		
*14:28								8					13		15					20				
*14:29			3	4		6									15							22		
*14:30			3		5													18					23	
*14:31								8			11		13							20				
*14:32:01-14:32:02	1	2				6					11		13					18				22		
*14:33			3			6						12						18					23	
*14:34	1					6					11		13			16		18				22		
*14:35	1	2				6						12	13					18					23	
*14:36	1				5							12				16		18				22		24
*14:37						6			9									18			21	22		
*14:38	1	2				6						12	13					18				22		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125

											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*14:39	1	2				6				10		12	13					18				22		
*14:40				4	5		7												19			22		
*14:41				4	5																	22		24
*14:42	1				5							12				16		18					23	
*14:43	1					6			9			12				16	17	18				22		
*14:44:01	1				5							12				16		18				22		
*14:44:02	1				5							12						18				22		
*14:45	1					6			9			12				16		18				22		
*14:46			3																					
*14:47			3	4	5																	22		
*14:48			3	4	5																	22		
*14:49		2		4	5						11		13									22		
*14:50								8					13							20				
*14:51			3	4	5							12										22		
*14:52			3								11													
*14:53		2			5						11			14				18		20			23	
*14:54	1	2				6						12	13					18				22		
*14:55	w	2				6	7						13					18	19			22		
*14:56	1					6			9			12				16		18				22		
*14:57										10									19					
*14:58	1	2				6						12						18		20		22		
*14:59	1					6						12				16		18				22		
*14:60	1	2				6						12	13					18				22		
*14:61								8					13											
*14:62	1	2				6			9			12	13					18				22		
*14:63				4	5		7														21	22		
*14:64	1					6						12				16		18					23	
*14:65	1					6			9									18			21		23	
*14:67				4	5		7															22		
*14:68								8					13							20				
*14:69		2			5						11							18		20		22		
*14:70	1	2				6						12	13									22		
*14:71								8					13							20				
*14:72	1					6						12	13			16		18					23	
*14:73								8					13	14						20				
*14:74		2				6					11		13					18				22		
*14:75	1	2				6						12	13					18				22		
*14:76								8												20				
*14:77				4	5		7												19			22		24
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*14:78				4		6	7		9												21	22		
*14:79								8					13							20				
*14:80			3			6												18				22		
*14:81	1			4		6																22		
*14:82	1	2				6						12	13					18				22		
*14:83			3	4		6																22		
*14:84						6	7		9									18	19			22		
*14:85				4	5		7														21	22		
*14:86	1	2				6						12	13					18				22		
*14:87	1	2				6							13					18				22		
*14:88	1	2				6						12	13					18				22		
*14:89				4	5		7															22		
*14:90	1	2				6						12	13					18				22		24
*14:91	1					6			9			12				16		18				22		
*14:92N	1	2				6						12	13					18				22		
*14:93								8					13							20				
*14:94				4	5																	22		
*14:95	1					6						12				16		18					23	
*14:96	1					6			9			12				16		18				22		
*14:97	1	2				6						12	13					18				22		
*14:98				4	5																	22		
*14:99	1	2				6						12	13		15			18				22		
*14:100	1					6			9							16		18				22		
*14:101	1	2				6						12						18				22		
*14:102					5		7													20		22		
*14:103	1					6			9			12						18				22		
*14:104		2				6							13					18				22		
*14:105		2				6					11		13	14				18				22		
*14:106			3	4		6						12										22		
*14:107								8					13							20				
*14:108			3	4		6																22		
*14:109			3	4	5												17					22		
*01:02:01-01:02:05, 01:23, 01:26, 01:34																16								
*01:14											11													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								

*03:01:01:01-03:01:01:02, 03:01:03-03:01:11, 03:07, 03:19, 03:22-03:23, 03:28, 03:32, 03:34, 03:36-03:37, 03:39, 03:45-03:48, 03:50-03:51, 03:54-03:56, 03:59, 13:01:07, 13:20, 13:71, 13:111						6												18					23	
*03:01:02						6												18					23	
*03:02:01				4	5																	22		
*03:02:02				4	5																	22		
*03:03				4		6																22		
*03:04:01						6												18					23	
*03:05:01-03:05:02, 03:09, 03:40, 13:14:01-13:14:03, 13:23:01-13:23:02, 13:25, 13:29, 13:56, 13:62-13:63, 13:74, 13:82, 13:97					5													18					23	
*03:05:03					5													18					23	
*03:06						6												18				22		
*03:08, 11:40, 11:59						6												18					23	
*03:10		2				6							13					18					23	
*03:11:01						6						12						18					23	
*03:11:02, 03:24						6						12						18					23	
*03:12						6			9									18			21		23	
*03:13:01, 03:58, 13:78						6												18					23	
*03:13:02						6												18					23	
*03:14, 13:46, 13:100					5													18					23	
*03:15						6												18					23	
*03:16						6												18						
*03:17					5							12						18				22		
*03:18						6												18					23	24
*03:20						6									15			18					23	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*03:21, 03:25, 03:30, 03:49, 03:52, 13:11:01-13:11:02, 13:22, 13:24, 13:44, 13:52, 13:68						6												18					23	
*03:26						6												18				22		

*03:27				4	5							12										22		
*03:29				4	5																		23	
*03:31, 13:70						6												18				22		
*03:33						6												18					23	
*03:35					5							12						18				22		
*03:38				4	5																	22		
*03:41, 13:07:01-13:07:02					5													18				22		
*03:42, 15:32																								
*03:43						6												18					23	24
*03:44, 13:106						6												18					23	
*03:53				4	5																			
*03:57																		18					23	
*03:60						6																22		
*04:10-04:11, 04:67, 04:91, 15:12									9															
*04:12									9															
*04:18, 04:86, 15:21																								
*04:62										10	11													
*04:69										10														
*08:01:01-08:02:03, 08:04:02-08:04:03, 08:07, 08:13, 08:16-08:17, 08:26, 08:39, 08:42																				20				
*08:03:02, 08:14, 08:19, 08:23, 08:27, 08:30:01-08:30:02, 08:32-08:34, 08:36-08:38																				20				
*08:04:01, 08:04:04-08:04:06, 08:28																				20				
*08:05, 08:18, 08:24-08:25, 08:40-08:41, 12:16											11													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*08:06, 08:22									9											20				
*08:08								8						14						20				
*08:09, 08:21																			19	20				
*08:10, 08:12									9											20				
*08:11								w												20				
*08:15																				20				
*08:20						6	7											18		20		22		

*08:31, 12:01:01-12:03:02, 12:06-12:08, 12:10-12:13, 12:17-12:21, 12:23-12:26, 13:17											11													
*08:35																			19	20				
*11:01:01-11:01:04, 11:01:06, 11:01:08-11:01:09, 11:01:11-11:01:12, 11:08:01-11:08:02, 11:10:01-11:12:02, 11:14:01-11:15, 11:19:01-11:19:02, 11:24, 11:26, 11:27:02, 11:32-11:33, 11:39, 11:51, 11:61-11:62, 11:66, 11:68, 11:74:01-11:75, 11:80-11:81, 11:90-11:91, 11:94-11:95, 11:97, 11:99-11:101					5													18					23	
*11:01:05, 11:01:10					5											16		18					23	
*11:01:07					5													18						
*11:02:01-11:04:02, 11:04:04-11:04:07, 11:06:01, 11:07, 11:18, 11:21, 11:34-11:36, 11:38, 11:42-11:43, 11:46:01-11:46:02, 11:57, 11:60, 11:65:01-11:65:02, 11:70, 11:77-11:78, 11:98, 11:102						6												18					23	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*11:04:03, 11:06:02						6										16		18					23	
*11:09, 11:28:01-11:28:02, 11:87					5									14				18					23	
*11:13:01-11:13:02	1					6										16		18					23	
*11:16						6												18					23	
*11:17	1					6						12				16		18				22		
*11:20					5													18					23	
*11:23, 11:64					5		7											18		20			23	
*11:25, 11:55						6	7											18		20			23	

*11:27:01					5													18					23	
*11:29					5													18					23	
*11:31, 11:96					5													18					23	
*11:37					5													18				22		
*11:41, 11:48, 11:56						6												18				22		
*11:44, 11:85						6												18					23	
*11:45					5		7											18		20			23	
*11:47, 11:63						6												18					23	
*11:49:01					5													18					23	
*11:50						6												18				22		
*11:52	1					6						12	13			16		18				22		
*11:53					5							12						18					23	
*11:54:01						6						12				16		18					23	
*11:54:02						6						12						18					23	
*11:58:01						6								14				18					23	
*11:58:02						6								14				18					23	
*11:67											11									20				
*11:69, 11:82					5													18			21		23	
*11:72					5																		23	
*11:73, 11:79, 11:93					5												17	18					23	
*11:76						6												18					23	24
*11:83						6								14				18				22		
*11:84						6												18					23	
*11:86																		18					23	
*11:88						6												18						
*11:89	1					6						12						18					23	
*11:92						6																	23	
*12:04, 12:09											11					16								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*12:05, 12:14-12:15											11				15									
*12:22																								
*13:01:01-13:01:02, 13:01:04-13:01:06, 13:01:08, 13:06, 13:27-13:28, 13:51, 13:59, 13:69, 13:87, 13:91, 13:98, 13:102, 13:105, 13:110, 13:112-13:113N						6												18					23	
*13:01:03						6										16		18					23	
*13:02:01-13:02:03, 13:41, 13:73, 13:96:01, 13:99					5													18					23	

*13:02:04, 13:16, 13:109																		18					23	
*13:03:01-13:03:06, 13:33:01, 13:88, 13:90, 13:95					5												17	18			21	22		
*13:04, 13:75						6			9									18			21		23	
*13:05:01-13:05:02, 13:50:01-13:50:02					5									14				18					23	
*13:08						6												18	19			22		
*13:09						6												18			21		23	
*13:10			3			6											17	18					23	
*13:12:01-13:12:02, 13:38, 13:49					5													18			21	22		
*13:13					5		7											18		20	21	22		
*13:15				4		6																	23	
*13:18						6	7							14				18					23	
*13:19				4		6													19			22		
*13:21:01-13:21:02, 13:30					5													18			21		23	
*13:26				4	5									14								22		
*13:31					5													18					23	
*13:32						6			9									18			21	22		
*13:33:02-13:33:03					5												17	18			21	22		
*13:34					5													18					23	24
*13:35, 13:80						6												18						
*13:36					5													18				22		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	210	175	140	85	260	260	225	170	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75
PCR product(s)									250		170			130						160	215			125
											215									215				165
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DRB1 allele[4]																								
*13:37					5												17	18				22		
*13:39					5													18					23	
*13:40						6												18				22		
*13:42						6								14				18					23	
*13:43		2				6					11		13					18					23	
*13:45		2			5						11							18		20			23	
*13:47					5		7											18		20		22		
*13:48, 13:58, 13:108						6			9									18			21	22		
*13:53				4		6																22		
*13:54						6												18					23	
*13:55					5		7											18		20	21	22		
*13:57				4		6													19				23	
*13:60					5													18				22		
*13:61:01						6												18					23	
*13:64						6												18	19				23	24
*13:65					5													18			21	22		

*13:66:01-13:66:02					5												17	18			21		23	
*13:67, 13:103																								
*13:72						6			9									18	19			22		
*13:76						6						12				16		18	19			22		
*13:77						6												18					23	
*13:79						6												18					23	
*13:81, 13:89, 13:94						6			9								17	18			21	22		
*13:83						6												18	19				23	
*13:84						6												18				22		
*13:85			3	4	5												17					22		
*13:86					5																		23	
*13:92						6												18					23	24
*13:93						6			9									18			21		23	
*13:101					5												17				21	22		
*13:104				4	5																		23	
*13:107					5													18	19				23	
*15:03:01:01-15:03:01:02, 15:23																								
*16:08														14										
*DRB3*01:08*																								
*DRB3*01:14*					5													18				22		24
*DRB3*02:16*																								
DRB1 allele[4]																								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

INTERPRETATION TABLE

DRB1*14 SSP subtyping

Amplification patterns of the DRB1*14:01 to DRB1*14:109 alleles

Well[5]																								
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
430	515	515	430	515	430	515	430	430	515	430	515	430	515	430	430	430	515	430	515	515	515	430	430	Length of int.
																								pos. control[1]
16(135)	112(421)	10(116)	13(125)	13(125)	37(196)	47(227)	37(196)	13(125)	16(133)	16(133)	37(196)	13(125)	16(135)	37(196)	16(133)	13(125)	16(133)	26(164)	27(166)	51(239)	13(125)	67(286)	16(135)	5'-primer(s)[2]
5'-CAA 3'	5'-ACT 3'	5'-gCT 3'	5'-gTC 3'	5'-gTC 3'	5'-AgA 3'	5'-gTT 3'	5'-AgA 3'	5'-gTC 3'	5'-gTT 3'	5'-gTT 3'	5'-AgA 3'	5'-gTC 3'	5'-CAA 3'	5'-AgA 3'	5'-gTT 3'	5'-gTC 3'	5'-gTT 3'	5'-gTA 3'	5'-TCA 3'	5'-gAg 3'	5'-gTC 3'	5'-ACA 3'	5'-CAA 3'	
60(265)			16(133)															60(265)	30(175)				70(295)	
5'-AgC 3'			5'-gTT 3'															5'-AgT 3'	5'-gAC 3'				5'-AAg 3'	
73(304)	181(630)	70(295)	55(251)	38(200)	86(344)	60(265)	57(256)	58(260)	70(296)	86(344)	67(286)	58(260)	74(308)	60(266)	73(305)	37(197)	77(317)	78(321)	86(344)	78(321)	35(190)	74(307)	67(286)	3'-primer(s)[3]
5'-ggA 3'	5'-CTT 3'	5'-CTg 3'	5'-gCT 3'	5'-gCg 3'	5'-CCA 3'	5'-gTg 3'	5'-gCT 3'	5'-CCg 3'	5'-TCC 3'	5'-CCA 3'	5'-gAT 3'	5'-CCT 3'	5'-CCg 3'	5'-Agg 3'	5'-ggC 3'	5'-Cgg 3'	5'-AgT 3'	5'-CAA 3'	5'-CCA 3'	5'-CAA 3'	5'-CTA 3'	5'-CAg 3'	5'-gAT 3'	
86(344)			77(318)	45(220)			71(298)				67(286)	58(260)		67(286)	86(343)	38(200)					55(251)		77(317)	
5'-CAC 3'			5'-TAA 3'	5'-CCT 3'			5'-CTT 3'				5'-gAT 3'	5'-CCT 3'		5'-gAA 3'	5'-CAT 3'	5'-gCg 3'					5'-gCT 3'		5'-AAT 3'	
				57(257)								58(260)		74(308)		55(250)					70(295)			
				5'-CgA 3'								5'-CCT 3'		5'-CCT 3'		5'-CCC 3'					5'-CTg 3'			
				73(305)												81(328)					75(310)			
				5'-ggC 3'												5'-gTA 3'					5'-CAT 3'			
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.

210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]
	26							33																*14:01:01-14:01:03
																								*14:02
																								*14:03:01-14:03:02
									34	35														*14:04
																								*14:05:01-14:05:02
																								*14:05:03
					30																			*14:06:01-14:06:02
25								33																*14:07:01-14:07:02
								33																*14:08
																								*14:09
																								*14:10
									34	35														*14:11
					30																			*14:12:01-14:12:02
							32																	*14:13
																								*14:14
										35														*14:15
								33																*14:16
					30																			*14:17
					30									39										*14:18
							32																	*14:19
																								*14:20
					30		32																	*14:21
25								33																*14:22
																								*14:23:01-14:23:03
																								*14:24
25								33																*14:25
								33																*14:26
																								*14:27
									34	35														*14:28
					30																			*14:29
																								*14:30
									34	35														*14:31
								33																*14:32:01-14:32:02
					30									39										*14:33
								33																*14:34
						31		33																*14:35
																								*14:36
													38											*14:37
			28					33																*14:38
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)

250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]
								33																*14:39
																								*14:40
																								*14:41
																								*14:42
																								*14:43
25																								*14:44:01
25																								*14:44:02
																							48	*14:45
		27																						*14:46
			28																					*14:47
				29										39										*14:48
25								33																*14:49
			28						34	35														*14:50
														39										*14:51
					30					35														*14:52
25						31		33																*14:53
								33																*14:54
								33																*14:55
25																								*14:56
																								*14:57
								33																*14:58
					30									39						45				*14:59
				29				33																*14:60
																								*14:61
								33																*14:62
							32				36											47		*14:63
					30									39										*14:64
																								*14:65
											36											47		*14:67
25									34															*14:68
25								33																*14:69
								33											44					*14:70
									34	35					40									*14:71
						31																		*14:72
										35														*14:73
								33																*14:74
								33								41								*14:75
										35							42							*14:76
																								*14:77
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]
					30		32				36											47		*14:78
										35							42							*14:79
					30																			*14:80
					30																			*14:81
								33										43						*14:82
					30														44					*14:83
																								*14:84
							32																	*14:85
								33												45				*14:86
								33													46			*14:87
			28					33													46			*14:88
																					46			*14:89
								33								41								*14:90
																41								*14:91
								33													46			*14:92N
25									34								42							*14:93
																41								*14:94
					30									39				43						*14:95
																				45				*14:96
				29				33								41								*14:97
			28																				48	*14:98
								33																*14:99
													38											*14:100
																		43						*14:101
																								*14:102
																41								*14:103
				29				33																*14:104
								33																*14:105
					30									39										*14:106
										35					40									*14:107
					30									39										*14:108
							32							39										*14:109
																								*01:02:01-01:02:05, 01:23, 01:26, 01:34
25																								*01:14
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]

					30																			*03:01:01:01-03:01:01:02, 03:01:03-03:01:11, 03:07, 03:19, 03:22-03:23, 03:28, 03:32, 03:34, 03:36-03:37, 03:39, 03:45-03:48, 03:50-03:51, 03:54-03:56, 03:59, 13:01:07, 13:20, 13:71, 13:111
			28		30																			*03:01:02
																								*03:02:01
			28																					*03:02:02
					30																			*03:03
																41								*03:04:01
																								*03:05:01-03:05:02, 03:09, 03:40, 13:14:01-13:14:03, 13:23:01-13:23:02, 13:25, 13:29, 13:56, 13:62-13:63, 13:74, 13:82, 13:97
			28																					*03:05:03
					30																			*03:06
					30							37												*03:08, 11:40, 11:59
					30	31		33																*03:10
					30									39										*03:11:01
			28		30																			*03:11:02, 03:24
					30		32																	*03:12
					30									39										*03:13:01, 03:58, 13:78
			28		30									39										*03:13:02
				29																				*03:14, 13:46, 13:100
				29	30																			*03:15
					30																			*03:16
			28																					*03:17
					30																			*03:18
					30																			*03:20
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]
																								*03:21, 03:25, 03:30, 03:49, 03:52, 13:11:01-13:11:02, 13:22, 13:24, 13:44, 13:52, 13:68
				29	30											41								*03:26

			28																					*03:27
																								*03:29
																								*03:31, 13:70
				29	30											41								*03:33
25			28																				48	*03:35
				29										39										*03:38
																								*03:41, 13:07:01-13:07:02
					30																			*03:42, 15:32
																								*03:43
				29												41								*03:44, 13:106
																								*03:53
																								*03:57
					30																			*03:60
																								*04:10-04:11, 04:67, 04:91, 15:12
																						47		*04:12
																						47		*04:18, 04:86, 15:21
25																								*04:62
25																								*04:69
																								*08:01:01-08:02:03, 08:04:02-08:04:03, 08:07, 08:13, 08:16-08:17, 08:26, 08:39, 08:42
																						47		*08:03:02, 08:14, 08:19, 08:23, 08:27, 08:30:01-08:30:02, 08:32-08:34, 08:36-08:38
											35													*08:04:01, 08:04:04-08:04:06, 08:28
																								*08:05, 08:18, 08:24-08:25, 08:40-08:41, 12:16
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]
										35														*08:06, 08:22
25																								*08:08
																								*08:09, 08:21
										35												47		*08:10, 08:12
																								*08:11
25																						47		*08:15
																								*08:20

										35														*08:31, 12:01:01-12:03:02, 12:06-12:08, 12:10-12:13, 12:17-12:21, 12:23-12:26, 13:17
																						47		*08:35
												37												*11:01:01-11:01:04, 11:01:06, 11:01:08-11:01:09, 11:01:11-11:01:12, 11:08:01-11:08:02, 11:10:01-11:12:02, 11:14:01-11:15, 11:19:01-11:19:02, 11:24, 11:26, 11:27:02, 11:32-11:33, 11:39, 11:51, 11:61-11:62, 11:66, 11:68, 11:74:01-11:75, 11:80-11:81, 11:90-11:91, 11:94-11:95, 11:97, 11:99-11:101
												37												*11:01:05, 11:01:10
												37												*11:01:07
												37												*11:02:01-11:04:02, 11:04:04-11:04:07, 11:06:01, 11:07, 11:18, 11:21, 11:34-11:36, 11:38, 11:42-11:43, 11:46:01-11:46:02, 11:57, 11:60, 11:65:01-11:65:02, 11:70, 11:77-11:78, 11:98, 11:102
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
																								DRB1 allele[4]
												37												*11:04:03, 11:06:02
												37												*11:09, 11:28:01-11:28:02, 11:87
												37												*11:13:01-11:13:02
					30						36	37												*11:16
												37												*11:17
											36	37												*11:20
												37												*11:23, 11:64
												37												*11:25, 11:55

			28									37											48	*11:27:01
												37				41								*11:29
						31						37												*11:31, 11:96
												37												*11:37
												37												*11:41, 11:48, 11:56
				29								37				41								*11:44, 11:85
												37										47		*11:45
												37				41								*11:47, 11:63
				29								37				41								*11:49:01
				29								37				41								*11:50
												37												*11:52
												37												*11:53
												37												*11:54:01
												37												*11:54:02
					30							37												*11:58:01
												37												*11:58:02
											35													*11:67
												37												*11:69, 11:82
												37												*11:72
												37												*11:73, 11:79, 11:93
												37												*11:76
					30							37												*11:83
			28									37											48	*11:84
												37												*11:86
												37												*11:88
												37												*11:89
												37												*11:92
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25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
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210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Well No.
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120	250	220	160	125	190	80	100	175	205	250	130	175	215	120	215	115	225	95	215	125	105	60	65	Length of spec.
210			230	175			145							155	250	165		200			165		190	PCR product(s)
250				220												245					220		225	
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