

INTERPRETATION TABLE																								
DRB1*13 SSP subtyping																								
Amplification patterns of the DRB1*13:01 to *13:164 alleles																								
	Well ⁶																							
	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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
Length of int. pos. control ¹	515	430	430	430	430	515	430	430	430	430	430	430	515	430	515	430	430	430	430	515	430	430	430	430
5'-primer(s) ²	13(125)	13(125)	13(125)	13(125)	13(125)	13(125)	36(196)	36(196)	13(125)	13(125)	13(125)	13(125)	13(125)	31(181)	13(125)	34(189)	13(125)	13(125)	13(125)	10(116)	12(122)	13(125)	13(125)	13(125)
	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-AgA 3'	5'-AgA 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-TCT 3'	5'-gTC 3'	5'-CAG 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'	5'-gCT 3'	5'-TAT 3'	5'-gTC 3'	5'-gTC 3'	5'-gTC 3'
							5'-AgA 3' 36(196)							5'-CAA 3' 34(189)		5'-CAG 3' 34(189)				5'-gTT 3' 15(133)	5'-gTA 3' 26(164)			
														5'-gTT 3' 37(197)										
3'-primer(s) ³	58(260)	66(286)	66(286)	56(256)	70(298)	70(298)	86(344)	86(344)	86(344)	86(344)	66(286)	71(299)	47(227)	70(298)	28(171)	70(298)	72(303)	36(196)	36(196)	71(299)	71(299)	36(196)	37(199)	48(230)
	5'-Cgg 3'	5'-gAT 3'	5'-gAA 3'	5'-gCT 3'	5'-CTT 3'	5'-CTC 3'	5'-CAC 3'	5'-CCA 3'	5'-CAC 3'	5'-CCA 3'	5'-gAg 3'	5'-gCT 3'	5'-ggT 3'	5'-CTC 3'	5'-CTC 3'	5'-CTC 3'	5'-gCg 3'	5'-gAT 3'	5'-gAT 3'	5'-gCT 3'	5'-gCT 3'	5'-gTC 3'	5'-CAG 3'	5'-CCA 3'
	5'-CAG 3' 58(260)	5'-gAT 3' 66(286)	5'-gAA 3' 66(286)		5'-CCT 3' 70(298)	5'-CgC 3' 70(298)	5'-CCT 3' 92(364)		5'-CCT 3' 92(364)		5'-gAg 3' 66(286)	5'-gCg 3' 72(303)			5'-AgT 3' 77(317)		5'-CCg 3' 83(337)	5'-CAG 3' 73(307)	5'-CCC 3' 68(290)			5'-CgA 3' 57(257)	5'-CAA 3' 78(321)	5'-Agg 3' 60(266)
	5'-gAT 3' 66(286)				73(307)						71(299)							77(318)	86(344)				83(337)	
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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																		260						
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																								
*13:01:01-13:01:02, 13:01:04-13:01:06, 13:01:08, 13:01:10- 13:01:13, 13:105, 13:117, 13:121, 13:125, 13:127, 13:130-13:131, 13:138, 13:153 ⁷	1	2				6		8		10		12				16								
*13:01:03	1	2				6		8		10		12				16							23	
*13:01:07	1	2				6		8		10		12				16								
*13:01:09	1	2				6		8		10		12				16								
*13:02:01, 13:02:03- 13:02:08, 13:123-13:124, 13:126, 13:143, 13:145, 13:147, 13:155	1	2				6	7		9			12				16								
*13:02:02	1	2				6	7		9			12					17							
*13:03:01-13:03:06	1	2		4	5				9			12	13											
*13:04	1	2		4		6				10		12		14										
*13:05:01-13:05:02, 13:50:02	1		3		5		7		9															
*13:06	1	2			5			8		10														
*13:07:01-13:07:02	1		3		5				9				13											
*13:08	1	2				6				10		12	13	14		16								
*13:09, 13:129	1	2				6		8		10	11													
*13:10	1	2			5			8		10		12												
*13:11:01-13:11:02	1		3		5					10														
*13:12:01-13:12:03, 13:118	1	2		4	5				9				13											
*13:13	1	2		4	5				9				13					18						
*13:14:01-13:14:03	1		3		5				9															
*13:15	1	2				6		8		10		12			15	16								
*13:16	1	2				6						12				16			19					
*13:17														14					20					
*13:18, 13:144	1		3		5			8		10								18						
*13:19	1	2				6				10		12	13	14	15	16								
*13:20	1					6		8		10	11	12				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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																		260						
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
*13:21:01-13:21:02	1		3	4	5				9															
*13:22	1	2				6				10		12		14										
*13:23:01-13:23:02	1	2				6			9			12		14										
*13:24	1		3			6				10		12		14										
*13:25	1				5				9		11													
*13:26:01	1		3		5		7		9			12	13		15		17							
*13:26:02	1		3		5		7		9				13		15									
*13:27	1	2				6		8		10		12				16					21			
*13:28	1	2				6		8		10		12				16	17						23	
*13:29	1					6	7		9		11	12				16								
*13:30	1	2		4	5				9															
*13:31	1	2				6	7		9			12				16						22		
*13:32	1	2		4		6		8		10		12	13			16								
*13:33:01	1	2		4	5				9			12	13		15									
*13:33:02-13:33:03	1	2		4	5				9			12	13				18							
*13:34	1	2				6	7		9			12				16							23	
*13:35	1	2				6		8		10		12				16								24
*13:36	1	2				6	7		9			12	13			16								
*13:37	1	2			5				9			12	13											
*13:38	1	2		4		6			9			12	13	14										
*13:39	1	2				6	7		9			12				16								24
*13:40	1	2				6		8		10		12	13			16								
*13:41	1	2				6	7		9			12				16					21			
*13:42	1		3		5			8		10														
*13:43						6		8		10	11	12				16								
*13:44	1				5					10														
*13:45		2				6			9			12		14										
*13:46	1		3		5				9													22		
*13:47	1		3		5				9				13				18							
*13:48	1	2		4		6				10		12	13	14										
*13:49	1		3	4	5				9				13											
*13:50:01	1		3		5		7		9															
*13:51	1	2				6		8		10		12				16								
*13:52	1	2				6				10		12				16								
*13:53	1	2				6		8		10		12	13		15	16								
*13:54	1		3			6				10		12		14								22		24
*13:55	1		3	4	5				9				13				18							
*13:56	1				5		7		9		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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145

PCR product(s)																235		255	230	205		220	175	245	180
																				260					
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	
*13:57	1	2				6				10		12		14	15	16									
*13:58	1	2		4	5					10			13												
*13:59	1	2				6		8		10		12				16									
*13:60	1				5				9		11	12	13				17								
*13:61:01	1	2				6		8		10		12				16		18							
*13:61:02	1	2				6		8		10		12			15	16									
*13:62	1		3		5				9																
*13:63	1		3			6	7		9			12				16									
*13:64	1	2				6				10		12		14		16							23		
*13:65	1	2		4		6	7		9			12	13			16									
*13:66:01-13:66:02	1	2		4	5				9			12													
*13:67							7									16				20					
*13:68	1	2				6				10		12				16						22			
*13:69	1	2				6		8		10		12		14		16									
*13:70	1	2				6				10		12	13	14											
*13:71	1					6		8		10	11	12				16					21				
*13:72	1	2				6				10		12	13	14		16									
*13:73	1	2				6	7		9			12				16									
*13:74	1	w				6	7		9			12				16			19						
*13:75	1		3	4		6				10		12		14											
*13:76	1	2				6				10		12	13	14		16							23		
*13:77	1	2			5			8		10		12					17					22		24	
*13:78	1					6		8		10	11	12				16								24	
*13:79	1	2				6		8		10		12				16								24	
*13:80	1	2				6		8		10		12				16									
*13:81	1	2		4	5					10		12	13												
*13:82	1	2			5				9																
*13:83	1	2				6				10		12		14		16									
*13:84	1	2				6				10		12	13			16									
*13:85	1	2			5		7		9			12	13		15										
*13:86	1				5				9						15										
*13:87	1	2				6		8		10		12				16		18	19						
*13:88	1			4	5				9		11	12	13												
*13:89	1	2		4	5					10		12	13												
*13:90	1	2		4	5				9			12	13												
*13:91	1	2				6		8		10		12				16									
*13:92, 13:98 ⁵	1	2				6		8		10		12				16									
*13:93	1	2		4		6		8		10		12				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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																		260						
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
*13:94:01	1	2		4	5					10		12	13		15									
*13:94:02	1	2		4	5					10		12	13					18						
*13:95	1	2		4	5				9			12	13											
*13:96:01	1	2				6	7		9			12			15	16								
*13:96:02	1	2				6	7		9			12				16		18						
*13:97:01	1	2				6			9			12				16								
*13:97:02	1	2				6			9			12		14										
*13:99	1	2				6	7		9			12				16								
*13:100	1		3		5				9													22		24
*13:101	1	2		4	5				9			12	13											
*13:102	1	2				6		8		10		12				16								
*13:103							7									16					21			
*13:104	1	2				6	7		9			12			15	16								
*13:106	1	2				6				10		12				16								
*13:107	1	2				6			9			12		14		16								
*13:108	1		3	4	5					10			13											
*13:109	1	2				6						12				16								
*13:110	1	2						8		10														
*13:111	1		3			6		8		10		12				16								
*13:112	1	2				6		8		10		12				16								
*13:113N	1	2				6		8		10		12				16								
*13:114	1					6		8		10		12				16								
*13:115	1	2		4	5		7		9			12	13											
*13:116														14					20					
*13:119	1				5		7		9		11							18						
*13:120	1	2		4	5		7		9			12	13											
*13:122		2		4	5				9			12	13											
*13:128	1	2				6	7		9			12				16								
*13:132	1		3		5				9															
*13:133	1			4	5				9			12	13											
*13:134	1			4	5				9		11		13											
*13:135	1	2				6			9			12	13	14		16								
*13:136	1		3		5		7		9														23	
*13:137N	1	2						8		10		12												
*13:139	1	2		4		6	7		9			12				16								
*13:140	1					6	7		9			12				16								
*13:141	1	2				6		8		10		12				16								
*13:142N	1	2				6	7		9			12				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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145

PCR product(s)																235		255	230	205		220	175	245	180
																				260					
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	
*13:146	1	2			5	6		8		10								18							
*13:148	1	2				6		8		10		12				16									
*13:149	1					6				10	11	12	13	14											
*13:150	1		3		5					10															
*13:151	1	2		4	5				9			12	13												
*13:152	1	2		4	5				9			12	13												
*13:154	1	2		4	5				9									18							
*13:156	1	2			5			8		10								18							
*13:157	1	2			5		7		9																
*13:158	1		3		5		7		9									18							
*13:159		2				6	7		9			12	13			16									
*13:160								8								16					21				
*13:161	1	2		4	5				9															24	
*13:162	1	2				6				10		12		14								22		24	
*13:163	1	2			5			8		10		12					17						23	24	
*13:164	1		3	4	5					10			13					18							
*01:42																									
*01:44, 04:42, 04:59, 04:147, 04:156, 08:28, 11:67, 11:104, 12:02:01-12:02:05, 12:07, 12:12-12:13, 12:15, 12:18-12:20, 12:23, 12:26-12:28, 12:31N-12:33, 12:37, 15:01:01:01-15:01:21, 15:03:01:01-15:06:02, 15:09, 15:12-15:13, 15:16-15:18, 15:20-15:25, 15:28, 15:33, 15:35-15:36, 15:37:02, 15:40-15:43, 15:45-15:46, 15:49-15:57, 15:59, 15:61-15:62, 15:64-15:67, 15:69-15:73, 15:75-15:77, 15:79, 15:81-15:84, 15:86-15:87, 15:89-15:95, 15:97-15:98																									
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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145	
PCR product(s)															235		255	230	205		220	175	245	180	

																		260						
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
*03:01:01:01-03:01:01:02, 03:01:03-03:01:05, 03:01:07-03:01:08, 03:01:10-03:01:15, 03:01:18-03:01:22, 03:07, 03:11:01, 03:18, 03:22-03:23, 03:28, 03:32, 03:34, 03:36, 03:39, 03:45, 03:47-03:48, 03:50-03:51, 03:54-03:55, 03:58-03:59, 03:61-03:62, 03:66-03:68N, 03:70, 03:72, 03:83-03:84, 03:86, 03:91, 03:93	1							8		10					15									
*03:01:02, 03:24	1							8		10								18						
*03:01:06, 03:01:09, 03:08, 03:46, 03:64-03:65								8		10					15									
*03:01:16, 03:77, 03:89	1							8		10					15									
*03:01:17	1							8		10													23	
*03:02:01, 03:74, 03:90	1						7		9				13		15									
*03:02:02, 03:27	1						7		9				13		15			18						
*03:03, 03:06, 03:60, 03:80	1							8		10			13		15									
*03:04:01-03:04:02, 03:21, 03:25, 03:30, 03:49	1									10					15									
*03:05:01-03:05:02, 03:09, 03:29	1						7		9						15									
*03:05:03	1						7		9									18						
*03:10								8		10					15									
*03:12	1			4				8		10					15									
*03:13:01	1							8		10					15									24
*03:13:02	1							8		10								18						24
*03:14	1						7		9															
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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																			260					

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
*03:15, 03:78	1							8		10														
*03:16, 03:20	1							8		10					15									
*03:17, 03:35	1								9				13				18							
*03:19	1							8		10					15									
*03:26	1							8		10			13		15									
*03:31, 03:75	1									10			13		15									
*03:33	1							8		10					15									
*03:37, 03:56	1							8		10					15									
*03:38	1						7		9				13		15						22		24	
*03:40	1								9						15									
*03:41	1								9				13		15									
*03:42, 03:69, 03:87, 03:92, 15:32								8																
*03:43	1									10					15								23	
*03:44	1									10					15									
*03:52	1									10					15									
*03:53	1						7		9						15									
*03:57, 03:63	1														15									
*03:71	1							8		10					15								23	
*03:73	1							8		10					15		17						23	
*03:76	1				5			8		10		12			15						21			
*03:79	1							8		10					15						22		24	
*03:81	1						7	8	9	10							18							
*03:82	1							8		10					15									
*03:88	1						7		9				13		15									24
*04:02:01-04:02:03, 04:37, 04:124, 04:133- 04:134, 04:138, 04:143, 04:161														14										
*04:14, 04:106, 04:132														14										
*04:77, 04:102, 04:113, 14:46, 16:08, DRB3*01:08, DRB3*02:06, DRB3*02:20							7																	
*08:09, 08:21, 11:22, 14:15, 14:73																								
*08:20	1		3		5					10			13				18							
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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																			260					
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
*08:32, 12:11, 12:22, 12:38-12:39																								
*08:40, DRB3*02:27																			20					
*11:01:01-11:01:02, 11:01:04, 11:01:06, 11:01:08-11:01:09, 11:01:13-11:01:17, 11:12:01, 11:29, 11:32-11:33, 11:61-11:62, 11:66, 11:72, 11:74:01-11:75, 11:80-11:81, 11:90-11:91, 11:94-11:95, 11:97, 11:99-11:101, 11:106, 11:108-11:112, 11:117, 11:121, 11:126, 11:128, 11:133-11:134, 11:140-11:142, 11:144, 11:147			3		5				9															
*11:01:03, 11:01:11			3		5				9			12					17							
*11:01:05			3		5				9														23	
*11:01:07			3		5				9															
*11:01:10			3		5				9			12					17						23	
*11:01:12, 11:10:01-11:10:02, 11:12:02, 11:39			3		5				9															
*11:01:18-11:01:19, 11:26, 11:143					5				9															
*11:02:01-11:02:02, 11:65:01-11:65:02, 11:70		2				6				10		12		14										
*11:03, 11:63			3			6				10		12		14										
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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																			260					
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

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*11:19:02	2				5				9			12					17								
*11:20	2					6	7		9			12				16									
*11:21	2					6				10		12		14											
*11:23:01-11:23:02, 11:27:01			3			5				9							18								
*11:24			3			5				9											22				
*11:25, 11:84:01			3			5				10							18								
*11:27:02-11:27:03			3			5				9				15											
*11:28:01			3			5		7		9															
*11:31		2				5				9															
*11:34, 11:89						5				10															
*11:36						6				10	11	12		14											
*11:37:01-11:37:02, 14:25			3			5				9				13											
*11:40			3				6		8		10		12			16									
*11:41			3				6				10		12	13	14										
*11:42, 11:130						5					10	11													
*11:44			3			5					10														
*11:45		2				5				9							18								
*11:48		2					6				10		12	13	14										
*11:49:01-11:49:02			3			5				9															
*11:50			3			5					10			13											
*11:51			3							9															
*11:53, 11:105										9															
*11:55			3			5	6				10						18								
*11:56			3			5					10			13											
*11:57						5					10	11													
*11:58:01, 11:113, 11:115			3			5			8		10														
*11:58:02			3			5					10														
*11:59			3				6		8		10		12			16					21				
*11:64						5				9		11					18								
*11:68							6			9		11	12		14										
*11:69							6			9		11													
*11:73		2				5				9			12												
*11:76			3				6				10		12		14								23		
*11:79						5				9			12												
*11:82		2					6			9		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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																		260						
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
*11:83			3		5			8		10			13											
*11:84:02-11:84:03			3		5					10					15									
*11:85			3			6				10		12		14										
*11:86		2				6						12		14				19						
*11:88			3		5					10														
*11:93			3		5				9			12												
*11:96, 14:53			3		5				9															
*11:98		2								10														
*11:103, 11:125									9						15									
*11:107									9				13		15									
*11:114			3		5				9														23	
*11:116			3		5					10														24
*11:118		2				6				10		12				16								
*11:119		2			5					10								18						
*11:120			3		5				9															24
*11:122			3			6	7		9			12				16								
*11:124		2				6				10		12		14				18						
*11:127		2				6				10		12		14										
*11:131					5					10		12												
*11:132		2			5					10		12												
*11:136									9									18						
*11:138			3			6				10		12		14				18						
*11:139			3			6				10		12		14										
*11:145, 14:22			3		5				9				13											
*12:01:01-12:01:05, 12:03:02-12:06, 12:08- 12:10, 12:14, 12:17, 12:24N-12:25, 12:29- 12:30, 12:34-12:36, 12:40																								
*14:01:02, 14:32:01, 14:75					5					10			13											
*14:02, 14:51	1				5		7		9				13		15									
*14:03:01, 14:135	1				5		7		9		11		13		15			18						
*14:03:02	1				5		7		9		11				15			18						
*14:05:01-14:05:02, 14:05:04, 14:23:01, 14:23:03-14:23:04, 14:43, 14:45, 14:91, 14:96, 14:100, 14:123	1				5					10			13										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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																		260						
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
*14:05:03, 14:103	1				5					10			13											
*14:06:01-14:06:02, 14:81, 14:83, 14:106, 14:108	1				5			8		10			13		15									
*14:07:01-14:07:02					5				9				13										23	
*14:09	1				5		7		9				13											
*14:12:01-14:12:02	1				5			8		10	11		13		15			18						
*14:13	1			4	5		7		9				13		15									
*14:14, 14:36, 14:44:01, 14:44:03	1				5				9				13										23	
*14:16		2				6				10		12	13	14		16								
*14:17, 14:33	1				5			8		10														
*14:18	1				5			8		10			13		15								23	
*14:19	1				5		7		9			12	13		15									
*14:20	1				5					10			13		15									
*14:21	1				5			8		10		12												
*14:23:02	w				5					10			13										23	
*14:24	1	2				6	7		9		11		13		15									
*14:26					5					10			13										23	
*14:27	1		3		5		7		9				13		15			18						
*14:29	1				5			8		10			13		15									
*14:30	1				5		7		9															
*14:32:03					5					10		12	13				17						23	
*14:35, 14:72					5					10													23	
*14:37	1	2				6				10	11		13											
*14:38					5					10			13					18						
*14:40, 14:102	1				5				9		11		13		15			18						
*14:41	1				5				9				13		15								23	
*14:42	1				5				9														23	
*14:44:02	1				5				9				13											
*14:47, 14:89	1				5		7		9				13		15			18						
*14:48	1				5		7		9				13		15							22		24
*14:49					5				9				13		15									
*14:52								8																
*14:55					5					10			13					18					23	
*14:56, 14:127:02	1									10			13										23	
*14:57														14		16								
*14:59	1				5			8		10			13										23	
*14:63	1	2		4	5		7		9				13		15			18						
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.	175	200	200	170	220	215	200	190	270	260	210	220	145	150	85	150	220	110	110	215	175	110	115	145
PCR product(s)															235		255	230	205		220	175	245	180
																		260						
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
*14:64	1				5			8		10													23	24
*14:65	1			4	5					10													23	
*14:67	1	2			5		7		9				13		15			18						
*14:69					5				9		11		13											
*14:74					5					10	11		13											
*14:77	1				5				9		11		13		15			18					23	
*14:78	1	2		4	5			8		10			13		15			18						
*14:80, 14:121	1				5			8		10			13											
*14:84	1				5					10	11		13					18						
*14:85	1			4	5		7		9		11		13		15			18						
*14:87, 14:104, 14:111										10			13										23	
*14:94	1				5				9				13		15									
*14:95	1				5			8		10													23	
*14:97					5					10			13										23	
*14:98	1						7		9		11		13		15			18						
*14:99					5					10			13										23	
*14:105			3		5					10			13										23	
*14:109	1				5		7		9			12	13		15									24
*14:110					5					10			13										23	
*14:115	1				5		7		9		11		13		15			18						24
*14:116	1				5				9		11		13					18						
*14:118					5					10			13										23	
*14:119					5				9				13											
*14:127:01, 14:136	1				5					10			13					18						
*14:128			3		5					10														
*14:132					5			8		10													23	
*14:133					5			8		10			13										23	
*14:134	1				5		7		9														23	
*14:137N										10		12	13										23	
*14:138																								
*14:142					5								13										23	
*15:10														14		16								
*15:37:01																								
DRB3*01:14	1								9				13					18				22	23	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

INTERPRETATION TABLE																								
DRB1*13 SSP subtyping																								
Amplification patterns of the DRB1*13:01 to *13:164 alleles																								
Well ⁶																								
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					205	175		255		260	170		130	120	160								PCR product(s)

110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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
		27	28		30														44					*13:01:01-13:01:02, 13:01:04-13:01:06, 13:01:08, 13:01:10- 13:01:13, 13:105, 13:117, 13:121, 13:125, 13:127, 13:130-13:131, 13:138, 13:153 ⁷
		27	28		30														44					*13:01:03
		27	28																					*13:01:07
		28			30														44					*13:01:09
		27																	44					*13:02:01, 13:02:03- 13:02:08, 13:123-13:124, 13:126, 13:143, 13:145, 13:147, 13:155
		27				32													44					*13:02:02
25						32																		*13:03:01-13:03:06
25	27	28			30																			*13:04
	26	27																						*13:05:01-13:05:02, 13:50:02
		27	28																					*13:06
25																								*13:07:01-13:07:02
25					30														44					*13:08
		27	28																					*13:09, 13:129
		27	28			32													44					*13:10
25		27	28																					*13:11:01-13:11:02
25																								*13:12:01-13:12:03, 13:118
25																								*13:13
25		27																						*13:14:01-13:14:03
		27	28	29	30														44					*13:15
		27																	44					*13:16
		28			30																			*13:17
	26	27	28																					*13:18, 13:144
25				29	30														44					*13:19
		27	28		30																			*13:20
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.

110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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.
25		27																						*13:21:01-13:21:02
25		27	28		30																			*13:22
25		27																						*13:23:01-13:23:02
25		27	28		30																			*13:24
25		27																						*13:25
	26						32																	*13:26:01
	26																							*13:26:02
		27	28		30														44					*13:27
		27	28		30														44	45				*13:28
		27																						*13:29
25		27																						*13:30
		27																	44					*13:31
					30							37							44					*13:32
25							32						38											*13:33:01
25							32																	*13:33:02-13:33:03
		27																	44					*13:34
			28		30														44					*13:35
																			44					*13:36
25							32																	*13:37
25																								*13:38
		27																	44					*13:39
					30														44					*13:40
		27																	44					*13:41
	26	27	28																					*13:42
		27	28		30			33																*13:43
25		27	28																					*13:44
25		27						33																*13:45
25		27																						*13:46
25																								*13:47
25					30																			*13:48
25																								*13:49
		27																						*13:50:01
		27	28		30					35									44					*13:51
25		27	28		30														44					*13:52
				29	30														44					*13:53
25		27	28		30																			*13:54
25																								*13:55
		27																						*13:56
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.
110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.

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110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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.
25							32						38											*13:94:01
25							32																	*13:94:02
25							32							39										*13:95
	27												38						44					*13:96:01
	27																		44					*13:96:02
25	27																		44					*13:97:01
25	27																		44					*13:97:02
	27													40					44					*13:99
25	27																							*13:100
25							32							40										*13:101
	27	28		30										39					44					*13:102
																			44					*13:103
	27		29																44					*13:104
	27	28		30												41			44					*13:106
25	27																		44					*13:107
25																								*13:108
	27																		44					*13:109
	27	28		30															44					*13:110
26	27	28		30																				*13:111
	27	28		30													42		44					*13:112
	27	28		30												41			44					*13:113N
	27	28		30																				*13:114
							32																	*13:115
				30																				*13:116
	27																							*13:119
							32					37							44					*13:120
25							32																	*13:122
	27															42		44						*13:128
25	26	27																						*13:132
25							32																	*13:133
25																								*13:134
25																			44					*13:135
	26	27																						*13:136
	27	28																	44	46				*13:137N
	27											37							44					*13:139
	27																							*13:140
	27	28		30															44	45				*13:141
	27																		44	46				*13:142N
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.
110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.

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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.
		27	28																					*03:15, 03:78
		27	28						34															*03:16, 03:20
25																								*03:17, 03:35
		27	28										38											*03:19
																41								*03:26
25																								*03:31, 03:75
		27	28													41								*03:33
		27	28																	45				*03:37, 03:56
25		27																						*03:38
25																								*03:40
																								*03:41
			28																					*03:42, 03:69, 03:87, 03:92, 15:32
		27	28																					*03:43
		27	28													41								*03:44
		27	28																					*03:52
																								*03:53
		27																						*03:57, 03:63
		27	28																					*03:71
		27	28																					*03:73
		27	28				32																	*03:76
		27	28																					*03:79
		27																						*03:81
			28																					*03:82
																								*03:88
					30																			*04:02:01-04:02:03, 04:37, 04:124, 04:133- 04:134, 04:138, 04:143, 04:161
																								*04:14, 04:106, 04:132
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	26																							*08:09, 08:21, 11:22, 14:15, 14:73
25																								*08:20
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.

110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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.
				29																				*08:32, 12:11, 12:22, 12:38-12:39
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25		27																						*11:01:01-11:01:02, 11:01:04, 11:01:06, 11:01:08-11:01:09, 11:01:13-11:01:17, 11:12:01, 11:29, 11:32- 11:33, 11:61-11:62, 11:66, 11:72, 11:74:01- 11:75, 11:80-11:81, 11:90-11:91, 11:94- 11:95, 11:97, 11:99- 11:101, 11:106, 11:108- 11:112, 11:117, 11:121, 11:126, 11:128, 11:133-11:134, 11:140-11:142, 11:144, 11:147
25		27					32																	*11:01:03, 11:01:11
25		27																						*11:01:05
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25		27					32																	*11:01:10
25	26	27																						*11:01:12, 11:10:01- 11:10:02, 11:12:02, 11:39
25		27																						*11:01:18-11:01:19, 11:26, 11:143
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25		27	28		30																			*11:03, 11:63
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.
110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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.

[illegible]

25	27				32														*11:19:02					
	27													44					*11:20					
25	27	28		30			34												*11:21					
25	27																		*11:23:01-11:23:02, 11:27:01					
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25	27	28																	*11:25, 11:84:01					
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25	27																		*11:69					
25	27				32														*11:73					
	27	28		30															*11:76					
25	27				32														*11:79					
25	27																		*11:82					
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110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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.
	26																							*11:83
25		27	28																					*11:84:02-11:84:03
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25		27																						*11:86
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25		27	28		30														44					*11:118
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	26	27																						*11:122
25		27	28		30																			*11:124
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110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.
	140					175			255		260			130	120	160								PCR product(s)
						205									155									
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110	90	145	160	155	85	145	220	80	145	150	75	100	70	80	90	115	235	185	145	250	205	180	135	Length of spec.	
	140					175			255		260			130	120	160								PCR product(s)	
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25																								*14:69	
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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.	