

*14:34	1				6					11		13			16		18			22												
*14:35	1	2			6						12	13					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	250	130	175	85	225	115	60	185	105	220	85	145	215	170	145	145	75							
PCR product(s)									250			170			130						215	160	110	215	170	145	145	75				
												215										215						165	135	115		
																														165	135	115
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								
*14:36	1				5							12				16		18				22		24								
*14:37						6			9									18			21	22										
*14:38	1	2				6						12	13					18				22										
*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													
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	250	130	175	85	225	115	60	185	105	220	85	145	160	110	170	145	145	75						
PCR product(s)									250			170			130						160	110	170		145	145	75					
											215										215		170				165	135	115			
																														165	135	115
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								
*14:74		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	
*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										
*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	250	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75	
PCR product(s)									250			170			130						160	110	170	145	145	115
												215									215					135
																										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		
*03:01:01:01-03:01:01:02, 03:01:03-03:01:09, 03:07, 03:13:01, 03:15, 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, 03:58, 13:01:07, 13:20, 13:71, 13:78						6												18					23			
*03:01:02, 03:13:02						6												18					23			
*03:02:01				4	5																	22				
*03:02:02				4	5																	22				
*03:03				4	6																	22				
*03:04					6													18					23			
*03:05:01-03:05:02, 03:09, 03:14, 03:40, 13:14:01-13:14:03, 13:23, 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			
*03:16					6													18								
*03:17					5							12						18				22				
*03:18					6													18					23	24		
*03:20					6										15			18					23			
*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				

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	250	130	175	85	225	115	60	185	105	220	85	145	215	170	145	145	75
PCR product(s)															130					215	160	110	215		115
											215														135
																									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	
*03:27				4	5							12										22			
*03:29, 13:86				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, 15:03:01:01-15:03:01:02, 15:23, 15:32																									
*03:43						6												18					23	24	
*03:44						6												18					23		
*03:53				4	5																				
*03:57																		18					23		
*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																					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, 08:04:04-08:04:05, 08:28																						20			
*08:05, 08:18, 08:24-08:25, 08:40-08:41, 12:16											11														
*08:06, 08:22									9													20			
*08:08								8						14								20			
*08:09, 08:21																				19	20				

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	250	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75	
PCR product(s)											215			130						215	160	110	215		165
																								135	115
																									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	
*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, 11:74-11:75, 11:80-11:81, 11:90-11:91, 11:94-11:95, 11:97					5													18					23		
*11:01:05, 11:01:10					5											16		18					23		
*11:01:07					5													18							
*11:02:01-11:04:02, 11:04:04-11:04:06, 11:06:01, 11:07, 11:18, 11:21, 11:34-11:36, 11:38, 11:42-11:43, 11:46, 11:57, 11:60, 11:65:01-11:65:02, 11:70, 11:77-11:78, 11:98						6												18					23		
*11:04:03, 11:06:02						6										16		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	250	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75	
PCR product(s)									250	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75	
											215	170									215	160	110			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		
*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					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										
*12:05, 12:14-12:15											11					15										
*12:22																										
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	250	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75	
PCR product(s)									250			170			130						160	170			145	75
											215										215					135
																										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		
*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, 13:79, 13:87, 13:91, 13:98, 13:102						6												18						23		
*13:01:03						6										16		18							23	
*13:02:01-13:02:03, 13:39, 13:41, 13:73, 13:96, 13:99						5													18						23	
*13:02:04, 13:16																			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, 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			
*13:37						5													17	18			22			
*13:40						6													18				22			
*13:42						6								14					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	250	130	175	85	225	115	60	185	105	220	85	145	110	170	145	145	75				
PCR product(s)									250			215	170	85							215	160	110		215	170	145	145	75
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					
*13:43		2				6					11		13					18							23				
*13:45		2			5						11							18		20					23				
*13:46, 13:100					5													18							23				
*13:47					5		7											18		20			22						
*13:48, 13:58						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						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				
*13:81, 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						
*13:92						6												18						23	24				
*13:93						6			9									18			21		23						
*13:101					5													17				21	22						
*16:08														14															
<i>DRB3*01:14</i>					5													18					22		24				
<i>DRB3*02:16</i>																													
DRB1 allele ⁵																													
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					

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	200	80	100	175	205	250	130	175	215	155	250	115	225	200	220	125	105	60	65	Length of spec.	
210			230	175			145									165					165		190	PCR product(s)	
250																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.	
										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	
																									*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, 11:74-11:75, 11:80-11:81, 11:90-11:91, 11:94-11:95, 11:97
												37													*11:01:05, 11:01:10
												37													*11:01:07
																									*11:02:01-11:04:02, 11:04:04-11:04:06, 11:06:01, 11:07, 11:18, 11:21, 11:34-11:36, 11:38, 11:42-11:43, 11:46, 11:57, 11:60, 11:65:01-11:65:02, 11:70, 11:77-11:78, 11:98
												37													*11:04:03, 11:06:02
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.	

250	210	120	250	220	160	125	200	80	100	175	205	250	130	175	215	155	250	115	225	200	220	125	105	60	65	Length of spec.	
					230	175			145									245	165				220	165		225	PCR product(s)
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.			
												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
						31						37				41											*11:29
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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.			

250	210	120	250	220	160	125	200	80	100	175	205	250	130	175	215	155	250	115	225	200	220	125	105	60	65	Length of spec.	
					230	175			145									245	165				220	165		225	PCR product(s)
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.			
					30						36																*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, 13:79, 13:87, 13:91, 13:98, 13:102
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					30																						*13:42
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.			

250	210	120	250	220	160	125	200	80	100	175	205	250	130	175	215	155	250	115	225	200	220	125	105	60	65	Length of spec.		
					230	175			145									245	165				220	165	190	225	PCR product(s)	
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.				
					30	31		33																			*13:43	
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				29																							*13:46, 13:100	
																											*13:47	
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																											*13:55	
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			28		30						36														48		*13:61	
																											*13:64	
							32				36																*13:65	
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							32				36																*13:85	
					30						36																*13:92	
					30	32					36																*13:93	
																											*13:101	
																											*16:08	
			28	29																							<i>DRB3*01:14</i>	
25																											<i>DRB3*02:16</i>	
																											<i>DRB1 allele⁵</i>	
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.				