INTERPRETATION TABLE

HLA-B*35 SSP subtyping

Amplification patterns of the B*35:01 to B*35:205 alleles

	Well[7]																																									
	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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
Length of int. pos. control[1]	800	1070	1070	1070	800	1070	800	1070	800	1070	800	1070	800	800	1070	1070	1070	800	1070	1070	800	1070	800	1070	800	800	1070	800	1070	800	1070	1070	1070	800	1070	800	1070	800	1070	1070
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
HLA-B allele[2,3]																																								
***35:01:01:01-**35:01:03, **35:01:05-**35:01:16, 35:01:18-35:01:22, 35:01:24-35:01:27, 35:01:29-35:01:31, 35:42:02, 35:148, 35:168, 35:170-35:171, 35:175, 35:177-35:178, 35:180, 35:189, 35:194, 35:200, 35:202[9]	1	2	3	4																			23																	
***35:01:04**	1	2	3	4																			23																	
***35:01:17**	1	2	3	4										14									23																	
***35:01:23,** 35:42:01	1	2	3	4																			23			26														
*35:01:28	1	2	3	4																			23																	
***35:02:01-**35:02:04, 35:183	1	2			5	6																	23															38		
***35:03:01,** 35:03:03-35:03:06, 35:03:08-35:03:10, **35:98**, 35:152-35:153, 35:155, 35:160. 35:181. 35:204[8]	1	2	3					8															23																	
*35:03:02	1	2						8															23																	
*35:03:07	1	2	3					8						14									23																	
*35:03:11	1	2	3					8															23		25															
***35:04:01-35:04:02**	1	2			5	6																	23																	
*35:04:03	1	2			5	6								14									23																	
***35:05:01-35:05:02**	1		3	4					9														23					28												
*35:05:03	1		3	4					9														23					28												
***35:06**	1	2			5			8															23																	
*35:07	1	2	3	4						10													23																	
***35:08:01-35:08:02, 35:08:04-**35:08:05	1	2	3	4							11												w																	
*35:08:03	1	2	3	4							11												w																	
***35:09:01**	1				5																		23																	
*35:09:02-**35:09:03**	1				5																		23		25															
***35:10**		2	3	4								12											23																	
***35:11:01**	1	2	3	4									13																											
35:11:02	1	2		4									13																											
***35:12:01-**35:12:03	1	2			5	6								14																										
***35:13**		2	3					8				12											23																	
***35:14:01**	1	2	3	4									13																										39	
35:14:02	1	2		4									13																										39	
***35:15**	1	2	3	4											15								23							30										
***35:16**		2	3	4					9			12																												
***35:17**	1	2	3	4					9																															
35:18	1				5						11												w		25															
***35:19**		2	3	4												16							23																	
***35:20:01-35:20:02**	1	2	3	4														18					23																	
***35:21**	1	2	3	4									13									22																		
***35:22**	1				5	6			9																			28												
***35:23**	1	2	3	4			7																23																	
***35:24:01-35:24:02**	1	2	3	4																		22	23																	
35:25		2	3	4																	21		23							30	31									
***35:26**		2	3	4													17						23							30										
35:27, 35:203	1	2	3	4																			23		25															
***35:28**		2	3	4								12						18					23																	
***35:29:01-**35:29:02	1	2	3	4															19				23									32								
***35:30**	1	2	3	4					9														23																	
***35:31**	1				5															20					25															
***35:32:01-**35:32:02	1		3	4																								28												
***35:33**	1	2	3					8							15								23							30										
***35:34**	1	2	3			6																	23																	
***35:35**	1	2	3	4														18					23													36				
35:36	1	2	3					8															23																	
***35:37**	1		3	4																			23						29											
***35:38**	1	2	3					8																																
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				

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
*35:39	1	2	3			6								14																										
*35:40N	1	2	3	4																			23												35					
*35:41	1	2	3	4																			23				27													
*35:43:01	1			4									13															28											39	
*35:44	1				5	6							13															28											39	
*35:45	1	2	3	4							11												w										33							
*35:46		2	3	4																		22	23																	
*35:47		2	3	4												16							23										33							
*35:48	1	2	3	4																			23											34						
*35:49		2	3	4																			23							30										
*35:50, 35:197	1	2	3	4																			23			26					31									
*35:51	1		3	4					9																			28												
*35:52	1	2	3	4																			23																	
*35:53N	1		3	4																			23																	
*35:54	1	2	3	4																			23																	
*35:55	1	2	3					8															23																	
*35:56	1	2	3					8															23		25															
*35:57	1	2	3	4																			23																	
*35:58	1		3	4					9				13															28												
*35:59	1	2			5			8						14																										
*35:60	1				5			8															23														37			
*35:61	1	2	3	4							11			14																										
*35:62	1	2	3	4																																			39	
*35:63		2	3	4																			23																	40
*35:64	1			4																			23		25															
*35:65Q	1	2	3					8															23																	
*35:66	1		3	4					9						15								w							30										
*35:67	1			4									13															28											39	
*35:68:01	1		3	4																			23												35					
*35:68:02	1		3	4																			23					28												
*35:69		2	3	4								12							19				23									32									
*35:70	1	2	3					8															23													36				
*35:71	1	2	3	4																			23										33							
*35:72	1		3	4					9									18					23					28												
*35:74	1	2	3					8											19				23																	
*35:75	1		3					8															23																	
*35:76		2	3	4															19				23									32								
*35:77	1	2	3	4												16							23																	
*35:78	1	2	3	4																			23																	
*35:79	1			4									13															28								36			39	
*35:80		2	3	4							11	12											w																	
*35:81	1	2			5	6																22	23															38		
*35:82	1	2	3	4																			23																	
*35:83	1	2			5	6				10													23															38		
*35:84	1	2	3				7	8															23			26	27				31									
*35:85	1	2	3					8															23																	
*35:86	1			4									13		15																								39	
*35:87	1				5																																			
*35:88	1				5									14						20			23		25															
*35:89	1		3	4					9														23					28												
*35:90	1	2	3	4			7																23				27													
*35:91	1	2	3	4																			23																	
*35:92	1	2	3	4								12											23																	
*35:93	1	2	3	4														18					23																	
*35:94	1	2	3	4																			23										33							
*35:95	1	2			5	6												18					23															38		
*35:96	1	2	3					8					13									22																		
*35:97	1		3	4					9														23					28												
*35:99	1			4									13															28												
*35:100	1	2	3	4							11												w																	
***35:101:01**-35:101:02	1	2	3	4																			23																	
*35:102	1			4									13															28											39	
*35:103	1	2	3	4																			23																	
*35:104	1	2	3	4																			23																	
*35:105	1	2	3	4							11												w																	
*35:106	1	2	3					8															23																	
*35:107	1	2	3	4																			23																	
*35:108:01-35:108:02	1	2	3	4																			23																	
*35:109	1	2	3					8														22	23																	
*35:110	1	2	3	4																			23																	
*35:111	1	2	3	4																			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	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*35:112	1	2	3	4																			23																	
*35:113	1	2	3	4					9																															
*35:114	1			4																			23		25			28												
*35:115	1	2	3	4																																				
*35:116	1	2	3	4																			23																	
*35:117	1			4									13															28											39	
*35:118	1			4									13												25			28												
*35:119	1		3	4																			23																	
*35:120	1	2	3	4																			23																	

***35:121**	1	2		4																			23																	
*35:122, 35:123[4]	1	2	3	4																			23																	
***35:124**	1	2	3	4																	21		23							31										
*35:125	1	2	3	4					9												21									31										
***35:126**	1	2	3	4																			23																	
*35:127	1		3					8															23																	
***35:128**	1	2	3					8															23																	
*35:129N	1	2			5	6																	23															38		
*35:130N, 35:134N[5]	1	2	3	4																			23																	
*35:131	1	2	3	4																			23																	
***35:132, 35:144[6]**	1	2	3	4																			23																	
*35:133, 35:159	1	2	3	4																			23																	
*35:135	1			4									13														28												39	
***35:136**	1	2	3					8											19				23								32									
***35:137**	1	2	3	4																			23																	40
*35:138	1	2	3	4																			23																	
*35:139	1	2	3	4																			23																	
*35:140	1	2	3	4																			23																	
***35:141**	1	2	3	4																																				
*35:142	1	2	3	4							11										21		w							31										
*35:143	1	2	3	4																			23																	
*35:145N	1	2	3	4																			23																	
*35:146	1	2	3	4	5																		23															38		
*35:147	1	2	3	4																			23																	40
***35:149**	1	2			5	6								14																										
*35:150	1	2	3				7	8															23				27													
*35:151	1		3					8															23					28												
*35:154		2			5	6										16							23									33					38		
*35:156	1	2	3					8			11												w																	
***35:157**	1	2			5	6																22	23														38		
***35:158**	1	2	3	4							11												w																	
*35:161	1	2	3	4																			23																	
*35:162	1	2			5	6															21		23			26				31							38		
*35:163	1	2	3					8																														39	
*35:164	1	2							9		11			14																										
*35:165N	1	2	3	4																																				
*35:166	1	2	3	4																			w																	
*35:167	1	2	3					8					13																											
***35:169**	1	2	3					8																								33								
*35:172	1	2			5	6					11												w														38		
*35:173N	1	2	3	4																			23																	
***35:174**	1		3	4							11												w																	
***35:176**	1	2	3	4							11												w																	
*35:179	1	2	3					8																																
***35:182**	1	2			5	6																	23														38		40
*35:184	1	2			5	6	7																23				27										38		
*35:185	1			4									13												25			28										39	
*35:186		2	3	4															19				23								w									
*35:187, 35:192	1	2	3	4							11												23																	
*35:188	1	2	3	4									13					18				22																		
*35:190	1	2	3	4														18				22	23																	
***35:191**		2	3	4																			23																	
***35:193**	1	2	3					8															23																	
*35:195	1	2	3					8															23																	
*35:196	1	2	3	4																																				
*35:198		2	3					8											19				23							30	32									
*35:199	1		3			6			9																			28												
*35:201	1	2			5	6	7							14													27												
*35:205	1							8															23		25															
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*07:02:01-07:02:02, 07:02:04-07:02:12, 07:02:15-07:02:24, 07:02:26-07:04, 07:07, 07:10, 07:19, 07:21-07:22:01, 07:23, 07:26, 07:28, 07:30-07:31, 07:33, 07:35, 07:39, 07:41-07:47, 07:49N, 07:52, 07:54-07:55, 07:56:02, 07:59, 07:61-07:64, 07:66-07:67N, 07:70-07:71, 07:74, 07:76-07:77, 07:79, 07:81-07:85, 07:87-07:89, 07:93-07:96:02, 07:98-07:99, 07:101-07:104, 07:106-07:108, 07:110-07:111N, 07:113-07:122, 07:124-07:130, 07:132, 07:134-07:136, 07:139, 07:141-07:148, 07:150-07:152, 07:154, 07:156-07:161N													13												25							32								
*07:02:03, 07:16, 07:27, 07:36-07:37, 07:50, 07:56:01, 07:75, 07:91, 07:109, 07:149, 48:08													13												25															
*07:02:13			3										13												25					30		32								
*07:02:14, 07:02:25													13																			32								

*07:05:01-07:05:03, 07:05:05-07:06, 07:40, 07:53, 07:69, 07:80, 07:90, 07:97, 07:112, 07:123, 07:138					5								13							20					25							32								
*07:05:04, 07:105, 48:05, 48:15					5								13							20					25															
*07:08													13												25	26					31	32								
*07:09, 07:17				4									13												25							32								
*07:11				4									13												25							w								
*07:12											11		13												25							32								
*07:13, 07:15, 07:57, 07:92													13												25							w								
*07:14, 07:18:01-07:18:02											11		13	14											25							32								
*07:20													13												25			28				32	33							
*07:22:02			3										13												25							32								
*07:24, 07:60, 07:131													13												25			28				32								
*07:25, 07:48, 07:51, 07:155																									25							32								
*07:29, 07:65, 07:72, 07:86													13						19						25							32								
*07:32					5								13							20					25	26					31	32								
*07:34					5								13												25							32								
*07:38													13												25	26					31									
*07:58													13												25							32								
*07:68:01						6			9				13		15																	32								
*07:68:02			3			6			9				13		15														30			32								
*07:68:03						6			9				13		15										25							32								
*07:73, 40:32, 40:98													13												25															40
*07:78					5			8					13							20					25							32								
*07:100						6			9				13															28				32							39	
*07:133													13			w									25							32								
*07:137					5						11		13	14						20					25							32								
*07:140					5								13							20					25							32	33							
*07:153													13												25							32	33							
*07:162				4							11		13												25							32								
*08:01:01, 08:01:03-08:01:10, 08:01:12, 08:01:14-08:01:17, 08:05, 08:08N-08:12:02, 08:13, 08:15-08:16, 08:18-08:19N, 08:22, 08:24, 08:27, 08:29-08:31, 08:33-08:34, 08:36, 08:38-08:39, 08:41-08:48, 08:50-08:52, 08:55, 08:57-08:59, 08:62-08:64, 08:67N-08:68, 08:70, 08:73, 08:75-08:77, 08:80-08:84, 08:86N, 08:90-08:93					5														19												31									
*08:01:02, 08:01:13					5														19						25						31									
*08:01:11					5														19												31	32								
*08:02, 08:78					5														w												31									
*08:03, 08:23, 08:66, 08:72N					5																										31									
*08:04, 08:17, 08:26, 08:61, 08:65, 08:85, 55:20					5														19																					
*08:07			3																19												31									
*08:12:03					5														19												31				35					
*08:14, 08:74, 08:87																			19												31									
*08:20					5								13						19						25						31									
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*08:21, 08:25					5														19									28			31									
*08:28				4															19												31									
*08:32	1				5														19												31									
*08:35				4	5														19												31									
*08:37, 08:89			3	4														18	19												31									
*08:40					5														19	20										30	31									
*08:49		2																	19												31									
*08:53					5								13						19												31									
*08:54, 41:02:04, 41:05, 41:12, 42:11					5																																			
*08:56					5														19													32								
*08:60					5									14					19												31									
*08:69					5			8											19												31									
*08:71					5	6			9										19												31									
*08:79					5								13						19	20					25						31									
*08:88					5														19												31									40
*08:94					5																					26					31									
*13:01:01-13:01:02, 13:01:04-13:01:06, 13:07N, 13:17, 13:22:02-13:23, 13:25, 13:28-13:29, 13:39, 13:43, 13:52, 13:57		2			5			8						14	15					20			23							30							37			
*13:01:03		2						8						14	15								23							30							37			
*13:02:01-13:02:13, 13:08Q-13:09, 13:11, 13:14-13:15, 13:19, 13:27, 13:30, 13:32-13:33, 13:37-13:38, 13:40, 13:42, 13:44-13:45, 13:47, 13:49N, 13:54-13:56N					5			8							15					20			23							30							37			
*13:03, 13:53, 15:86, 54:02, 54:23, 55:10, 55:18, 56:23, 56:35, 59:01:01:01-59:01:01:02, 59:04-59:05					5			8															23														37			

*13:04, 15:222				4																				23						29														
*13:06, 13:12		2			5			8						14										23																	37			
*13:10				4											15																30													
*13:13		2			5	6								14	15					20				23							30													
*13:16					5			8					13		15					20											30										37			
*13:18					5			8							15					20				w							30										37			
*13:20		2			5			8					13	14	15					20											30										37			
*13:21					5									14						20						25					30													
*13:22:01, 13:50		2			5			8						14	15					20				23																37			
*13:26		2	3	4											15									23							30													
*13:31					5			8					13		15					20											30									37		39	
*13:34								8							15									23							30									37			
*13:35			3			6									15																30													
*13:36		2			5		7	8						14	15					20		22	23					27			30									37			
*13:41					5			8							15					20											30									37		39	
*13:46																														29														
*13:48, 15:42, 55:01:08, 55:31					5			8					13																										37			
*13:51		2												14	15									23							30													
*13:58					5			8				12			15			18		20				23							30									37			
*14:01:01-14:04, 14:06:01-14:09, 14:12, 14:14-14:22, 14:24-14:27, 14:29-14:32													13																															
*14:05									9				13																															
*14:10		2											13	14								22																						
*14:11, 14:28													13				17		19																									
*14:13					5	6			9				13																															
*14:23			3			6							13																															
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**
Length of spec.	**95**	**150**	**115**	**280**	**295**	**85**	**160**	**280**	**140**	**140**	**225**	**95**	**170**	**75**	**135**	**95**	**180**	**105**	**230**	**200**	**260**	**90**	**190**	**425**	**135**	**210**	**110**	**230**	**105**	**115**	**170**	**170**	**70**	**230**	**240**	**110**	**85**	**300**	**115**	**185**
PCR product(s)							**330**			**240**		**125**				**190**		**180**				**270**			**220**	**370**	**160**			**325**	**210**		**205**		**365**	**180**				
																																	310			**230**				
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**
*15:01:01:01-15:01:04, 15:01:06-15:01:13, 15:01:15-15:01:16, 15:01:18-15:01:29, 15:24, 15:28, 15:34-15:35, 15:38:01, 15:43, 15:54, 15:56-15:57, 15:60, 15:66, 15:71, 15:79N, 15:81-15:82, 15:87, 15:92, 15:94N, 15:96-15:97, 15:104, 15:113, 15:118, 15:120, 15:122, 15:125, 15:128, 15:135, 15:140, 15:142, 15:146-15:147, 15:149N, 15:152, 15:157, 15:159-15:160, 15:163-15:164, 15:166-15:167, 15:169, 15:171-15:172, 15:174-15:175, 15:178, 15:181N-15:183, 15:187, 15:190N, 15:192-15:193, 15:201, 15:203, 15:205-15:206, 15:211, 15:217, 15:225, 15:227, 15:231-15:232, 15:234, 15:244, 15:246N-15:247, 15:251				4									13															28											39	
*15:01:14, 15:26N, 15:32, 15:110, 15:129, 15:184, 15:245Q				4									13																											39	
*15:01:17, 15:03:01, 15:03:03, 15:18:01, 15:18:03-15:18:04, 15:23, 15:39:01, 15:64-15:65, 15:72, 15:74, 15:78:01, 15:78:03, 15:98, 15:103, 15:108, 15:115, 15:119, 15:127, 15:132, 15:134, 15:153, 15:156, 15:158, 15:173, 15:210, 15:219-15:221, 15:226N, 15:242, 15:249				4									13															28												
*15:02:01-15:02:02, 15:02:04-15:02:06, 15:13:01-15:13:02, 15:21, 15:44, 15:89, 15:112, 15:121, 15:139, 15:170, 15:213-15:214, 15:223		2		4									13	14								22																		
*15:02:03		2		4									13	14								22			25															
*15:03:02			3	4									13												25			28												
*15:04				4									13																29										39	
*15:05:01, 15:123, 15:136, 15:151, 15:176, 15:185, 15:200, 15:235, 15:237				4																								28												
*15:05:02			3	4																								28												
*15:06, 15:195				4			7						13																											
*15:07:01-15:07:02, 15:68, 15:126, 15:207				4					9				13															28											39	
*15:08, 15:11:01-15:11:02, 15:11:04-15:11:05, 15:15, 15:148, 15:191, 15:209N				4									13									22						28											39	
*15:09, 15:243					5	6							13															28												
*15:10:01-15:10:02, 15:37, 15:90, 15:99						6							13															28												
*15:11:03				4									13									22																	39	
*15:12, 15:19				4									13															w											39	
*15:14, 15:46				4									13															28					33						39	

*15:16:01-15:16:03, 15:67, 15:95, 15:254, 49:05				4									13																29												
*15:17:01:01-15:17:02, 15:168, 15:177, 15:196, 15:208, 15:216, 15:230													13															28												
*15:18:02				4									13																												
*15:20, 48:02:01, 58:17N		2	3	4																			23																		
*15:25:01-15:25:03, 15:36, 15:80, 15:204, 15:240		2		4									13	14																											
*15:27:01-15:27:02, 15:109				4			7						13																											39	
*15:27:03			3	4			7						13																											39	
*15:29				4									13															28			31										
*15:30					5	6							13															28												39	
*15:31				4																		22						28													
*15:33, 15:78:02, 15:116, 15:141				4									13												25			28													
*15:38:02			3	4									13															28												39	
*15:39:02			3	4									13															28													
*15:40, 15:47:01, 15:49, 15:138, 15:238				4									13		15																										
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*15:45						6			9				13															28											39	
*15:47:02				4									13		15										25															
*15:48					5	6																						28												
*15:50				4									13					18																					39	
*15:51				4																								28												
*15:52, 15:114, 15:124				4											15																									
*15:53, 15:212				4									13															28											39	40
*15:55				4					9													22						28												
*15:58					5			8					13															28											39	
*15:61				4									13						19									28												
*15:62		2		4									13																											
*15:63						6							13															28											39	
*15:69, 15:93				4									13					18																						
*15:70, 15:101, 15:236, 56:03				4									13						19									28				32							39	
*15:73					5			8					13															28									37		39	
*15:75, 15:105, 15:111N, 15:145				4																								28											39	
*15:76				4									13						19			w						28				32							39	
*15:77, 44:146		2											13	14																									39	
*15:83, 39:70					5	6																																		
*15:84				4			7																																	
*15:85		2		4									13																										39	
*15:88		2		4										14								22																		
*15:91				4																								28					33							
*15:102				4									13															28											39	
*15:106		2		4									13	14																			33							
*15:107				4																					25			28												
*15:117, 15:241				4									13		15																								39	
*15:131, 15:161				4									13															28					33							
*15:133, 15:253								8					13															28												
*15:137													13																29										39	
*15:143				4									13			16												28											39	
*15:144		2		4									13	14								22																	39	
*15:150					5								13												25			28												
*15:154		2		4									13	14																									39	
*15:155				4																									29											
*15:162, 44:41:01, 44:65																												28												
*15:165		2		4									13															28											39	
*15:179			3	4																								28												
*15:180				4									13						19									28			31								39	
*15:186				4														18																						
*15:188					5																				25															
*15:189				4									13				17		19			22						28				32							39	
*15:194		2		4									13									22																		
*15:197				4									13															28												
*15:198				4									13															28												
*15:199				4									13					18																						
*15:202, 15:239				4								12	13					18										28											39	
*15:215				4									13									22						28											39	
*15:218Q				4																																				
*15:224					5			8																													37			
*15:228				4									13															28											39	
*15:229					5			8					13															28												
*15:233													13															28											39	
*15:248													13												25			28												
*15:250, 44:144		2		4										14																										
*15:252					5	6							13																											

*18:01:01:01-18:01:09, 18:01:11-18:03, 18:05-18:06, 18:08, 18:11, 18:13, 18:17N-18:18, 18:23N-18:25, 18:28, 18:31-18:32, 18:34, 18:38-18:40, 18:42-18:47, 18:51, 18:53, 18:55, 18:59-18:60, 18:62-18:65, 18:68, 18:70-18:76	1		3	4														18			21																		
*18:01:10, 18:20	1			4														18			21																		
*18:04	1		3	4														18																					
*18:07:01-18:07:02	1		3	4														18			21					26					31								
*18:09	1		3	4														18			21																		
*18:10, 18:35, 18:50	1		3	4											15			18			21									30									
*18:12			3	4								12						18			21																		
*18:14	1		3	4					9									18			21																		
*18:15, 18:30	1		3	4									13					18			21																		
*18:19	1		3	4									13					18			21																	39	
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*18:21	1			4									13					18			21				25															
*18:22	1	2	3	4					9									18			21	22	23																	
*18:26	1				5	6												18			21																			
*18:27	1		3	4			7											18			21																			
*18:29	1		3	4														18								26					31									
*18:33	1		3	4														18			21																			
*18:36, 18:58	1		3	4														18			21							28												
*18:37			3	4														18			21									30										
*18:41	1		3															18			21																			
*18:48			3	4												16		18			21																			
*18:49	1		3	4														18			21				25															
*18:52	1		3	4														18			21		23																	
*18:54, 18:67	1		3	4														18			21			24																
*18:56	1		3	4														18			21							28					33							
*18:57	1			4									13					18			21							28												
*18:61	1				5													18			21																			
*18:66			3	4														18			21																			
*18:69	1	2	3	4														18			21	22																		
*27:01, 27:31, 27:49, 27:61															15										25					30										
*27:02:01-27:03, 27:05:02-27:05:19, 27:09, 27:13, 27:16-27:17, 27:29, 27:35, 27:37, 27:39, 27:45-27:46, 27:48, 27:50-27:51, 27:53, 27:55-27:60, 27:64N-27:65N, 27:70, 27:72-27:74, 27:77-27:78, 27:80-27:85, 27:87-27:88															15									24	25					30										
*27:04:01-27:04:03, 27:06, 27:21, 27:66N, 27:68-27:69, 27:79, 27:86, 27:91													13		15										25					30										
*27:07:01-27:07:02, 27:43					5															20				24	25					30										
*27:08, 27:12, 27:26, 27:42, 27:44, 27:89															15										25					30										40
*27:10, 27:54													13		15									24	25					30										
*27:11					5															20					25					30										
*27:14															15								23	24	25					30										
*27:15, 27:63													13												25					30										
*27:18, 27:40													13		15										25					30										40
*27:19, 27:30		2												14	15									24	25					30										
*27:20, 27:24					5								13							20					25					30										
*27:23							7								15										25	26	27			30	31									
*27:25													13												25					30									39	
*27:27					5	6									15					20				24	25					30										
*27:28, 27:38, 27:47, 27:62, 27:71																								24	25					30										
*27:32									9						15									24	25					30										
*27:33					5															20					25					30										40
*27:34			3																					24	25					30										
*27:36																									25					30										
*27:41				4											15									24	25					30										
*27:52															15									24	25															
*27:67, 47:05															15									24	25															
*27:75															15						21			24	25					30										
*27:76						6																		24						30										
*27:90																								24						30										
*27:92							7						13		15									24	25		27			30										
*37:01:01-37:01:05, 37:01:07, 37:03N, 37:15-37:20, 37:23-37:25, 37:27, 37:30N-37:34		2										12						18			21			24																
*37:01:06, 37:06		2																			21			24																
*37:01:08												12						18			21			24																
*37:02												12			15			18			21			24	25															
*37:04:01-37:04:02		2										12						18			21	22		24																
*37:05		2										12						18			21				25															
*37:07												12	13					18			21			24	25															
*37:08	1	2																18			21			24																
*37:09			3									12						18			21			24	25															

*37:10		2										12						18			21																			
*37:11, 37:14, 37:29		2										12						18			21																			
*37:12					5							12						18			21			24																
*37:13		2										12	13					18			21			24																
*37:21		2										12									21			24		26					31									
*37:22		2										12						18						24																
*37:26		2										12									21			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	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*37:28		2																			21			24						30										
*38:01:01, 38:01:03-38:05, 38:08-38:09, 38:11-38:15, 38:17-38:18, 38:21, 38:23-38:28, 38:31, 38:34N-38:40, 39:01:01:01-39:01:01:03, 39:01:03-39:01:13, 39:02:01-39:02:02, 39:05:01-39:05:02, 39:08-39:13:02, 39:16, 39:20, 39:22-39:23, 39:26-39:28, 39:30-39:31, 39:38Q-39:41, 39:44-39:45, 39:48, 39:51-39:54, 39:56, 39:59-39:61, 39:65-39:68, 39:71-39:73, 39:75, 67:01:01-67:02					5			8																																
*38:01:02								8																																
*38:06-38:07	1				5			8																		26					31									
*38:10, 38:32, 39:18, 39:35					5			8					13																											
*38:16					5		7	8																			27													
*38:19, 39:03, 39:24:01-39:24:02, 39:37					5			8	9																															
*38:20, 39:42		2			5			8						14																						36				
*38:22																									25															
*38:29, 39:15, 39:49, 39:55			3					8																																
*38:30					5			8																				28												
*38:33					5			8									17																							
*39:01:14					5			8																								32								
*39:04					5			8									17		19																					
*39:06:01-39:06:02, 39:33-39:34, 39:57, 39:62, 39:64					5			8																					29											
*39:07, 39:43			3	4														18																						
*39:14					5	6			9																															
*39:17, 44:15, 44:18																																					37			
*39:19:01	1				5			8																																
*39:19:02	1				5			8																								32								
*39:25N, 44:20, 44:41:02, 44:47, 44:99-44:100, 44:138Q																																								
*39:29			3			6			9																															
*39:32, 39:74					5			8																				28												
*39:36					5			8					13																										39	
*39:46					5			8																																
*39:47					5			8							15					20										30										
*39:50					5			8							15					20									29	30										
*39:58					5			8																		26					31									
*39:63					5			8											19																					
*39:69					5			8								16																								
*40:01:01-40:01:13, 40:01:15-40:02:03, 40:02:05-40:02:09, 40:02:11-40:02:15, 40:06:01:01-40:06:04, 40:07, 40:11:01-40:11:02, 40:14:03, 40:22N, 40:27:01-40:27:02, 40:29, 40:37, 40:40, 40:45, 40:49-40:50, 40:53-40:58, 40:61-40:62, 40:65-40:67, 40:69, 40:72:02, 40:74-40:75, 40:78-40:81, 40:84-40:85, 40:88, 40:90-40:91, 40:97, 40:101-40:104, 40:107-40:108, 40:111-40:116, 40:118N-40:119, 40:122-40:123, 40:126-40:128, 40:130, 40:134-40:135, 40:138-40:147, 40:150-40:156, 40:164-40:165, 40:167-40:169, 40:171, 40:173, 40:175-40:177, 40:179, 40:181-40:182, 40:186, 40:189-40:197, 40:200, 40:202-40:208, 40:210-40:214					5															20					25															40
*40:01:14, 40:14:02, 40:82					5															20																				40
*40:02:04, 40:10:02, 44:31					5															20					25								33							
*40:02:10, 40:09, 40:18, 40:31, 40:33, 40:42, 40:44, 40:89, 40:124:01-40:124:02, 40:131, 40:172, 40:180, 40:187																									25															40
*40:03, 40:20, 40:52				4																					25															40
*40:04, 40:129					5									14						20			23		25															40
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

Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*40:05, 40:174					5								13												25			28												40
*40:06:05, 40:14:01, 40:72:01, 40:136, 41:19					5															20										30										40
*40:08					5		7									16				20					25	26	27				31									40
*40:10:01, 40:12, 40:21, 40:47, 40:76, 40:83, 40:94, 40:96, 40:110, 40:157, 40:170, 40:201, 40:215, 48:01:01-48:01:03, 48:03:01-48:04, 48:09-48:11, 48:13, 48:16, 48:18-48:22, 48:24, 48:27-48:28					5															20					25															
*40:13					5															20				24	25	26					31									
*40:15-40:16, 40:23, 40:148, 40:161, 40:183, 40:198					5								13							20					25															40
*40:19, 40:109, 40:117, 40:188					5															20				?	25															
*40:24, 40:120																							23		25															40
*40:25					5		7									16				20					25		27													40
*40:26					5	6							13															28												40
*40:28		2			5	6							13	14								22																		40
*40:30, 40:34, 40:64, 40:160					5									14						20					25															40
*40:35					5	6			9						15					20					25															40
*40:36, 40:48					5			8												20					25															40
*40:38, 40:105				4	5															20					25															40
*40:39, 40:133Q, 40:163, 40:199, 41:08					5																				25															40
*40:43, 40:73					5														19	20					25															40
*40:46, 40:93					5															20					25					?										40
*40:51					5								13												25															40
*40:59-40:60				4																			23		25															40
*40:63, 40:92					5																				25			28												40
*40:68					5		7							14		16				20			23		25	26	27				31									40
*40:70, 40:99, 40:125					5															20			23		25															40
*40:71					5			8	9																			28									37			40
*40:77					5			8							15					20										30										40
*40:86					5			8												20					25				29											40
*40:87:01					5	6									15					20																				40
*40:87:02					5	6									15					20					25															40
*40:95					5	6							13		15					20										30										40
*40:100					5		7													20					25															40
*40:106					5		7									16				20					25	?	27														40
*40:121					5	6									15					20										30										40
*40:132, 40:178					5															20					25								33							40
*40:137					5									14						20					25															
*40:149					5															20	?				25															40
*40:158				4	5								13		15					20																				40
*40:159				4																					25				29											40
*40:162					5															20					25	26					31									40
*40:166					5		w									w			19	20					25		w													40
*40:184					5			8																																40
*40:185, 40:209					5							12						18		20					25															
*41:01-41:02:03, 41:03:01-41:03:02, 41:06-41:07, 41:09, 41:11, 41:13-41:17, 41:20					5																																			40
*41:04, 41:21			3																																					40
*41:10, 45:03																																								40
*41:18			3					8																																40
*42:01:01-42:02, 42:04-42:05:02, 42:07-42:08, 42:12, 42:14					5																											32								
*42:06					5			8																								32								
*42:09			3	4														18														32								
*42:10, 42:17					5	6			9																							32								
*42:13					5									14																		32								
*42:15					5																											w								
*42:16			3																													32								
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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

*44:02:01:01-44:02:05, 44:02:07-44:02:11, 44:02:13-44:03:13, 44:03:15-44:03:16, 44:05:01-44:05:04, 44:07-44:08, 44:11, 44:13, 44:19N, 44:22-44:24, 44:27:01-44:27:02, 44:29-44:30, 44:32-44:35, 44:37:01-44:39, 44:42, 44:48-44:49, 44:52N, 44:55, 44:57-44:61N, 44:63, 44:67-44:74, 44:78, 44:80-44:81, 44:85-44:86, 44:88-44:89, 44:91-44:94, 44:96-44:98, 44:101-44:105, 44:108N-44:109, 44:111-44:116, 44:120-44:122, 44:125-44:128, 44:132-44:133, 44:136-44:137, 44:139, 44:141-44:143, 44:145, 44:147-44:149N, 44:152-44:155		2											14																										
*44:02:06, 44:02:12, 44:36, 44:87, 44:119, 44:151		2																																						
*44:03:14		2											14											25																
*44:04, 44:28:01-44:28:02, 44:56N		2									11		14																											
*44:06, 51:42	1	2											14						20				24																	
*44:09, 44:46, 44:75, 44:129, 44:131		2											14																											40
*44:10		2			5		7	8														23								33				37				
*44:12		2					7						14		16											27													
*44:14		2			5								14																	33									
*44:16, 44:21, 44:64:01-44:64:02, 44:124		2											14	15														30											
*44:17		2	3	4									14																	33									
*44:25, 44:50, 44:95, 57:32		2											14										24																	
*44:26		2											14																											
*44:40, 44:44		2											14															30											
*44:43:01		2	3	4									14																	33									
*44:43:02		2		4									14																	33									
*44:45, 44:51		2	3										14																	33									
*44:53													14																											
*44:54, 44:106									9																		28												
*44:62, 44:77		2			5	6							14																	33									
*44:66, 44:118		2											14																											
*44:76		2									11		13	14																										
*44:79		2											13	14																										
*44:82		2			5	6																					28			33									
*44:83		2										12		14				18																					
*44:84		2												14																33									
*44:90		2												14					19																				40
*44:107, 44:123		2	3			6								14																33									
*44:110		2							9					14																									
*44:117		2												14																									
*44:130		2												14							21							30											
*44:134		2										12		14				18																					
*44:135			3						9																		28			33									
*44:140		2																																37					
*44:150		2									11		13	14	15									25															
*45:01, 45:04-45:05, 45:07-45:08, 45:11, 45:13																																		37					40
*45:02																												29											40
*45:06																			19															37					40
*45:09			3	4																								29		33									40
*45:10															15														30					37					40
*45:12					5																													37	38				40
*45:14					5			8																						33				37					40
*46:01:01, 46:01:04-46:01:07, 46:04, 46:10, 46:14-46:16, 46:20, 46:22-46:24, 46:26-46:28, 46:31, 46:34				4									13						19								28					w					39	
*46:01:02, 46:02, 54:06				4									13						19								28										39	
*46:01:03			3	4									13						19								28					w					39	
*46:03				4									13					18	19													w						
*46:05				4									13														28					w					39	
*46:06				4															19					25								w						
*46:07N				4									13						19													w					39	
*46:08				4									13						19								28					w						
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*46:09				4															19								28					w							39	
*46:11, 46:18					5			8											19				23									w					37			
*46:12				4					9				13						19								28					w							39	
*46:13:01			3	4															19								28					w								
*46:13:02-46:13:03, 46:19				4															19								28					w								
*46:17				4									13						19								28					w	33						39	
*46:21:01				4														18	19													w								
*46:21:02			3	4														18	19													w								
*46:25				4											15				19								28					w								

*46:29				4									13					18	19												w							39	
*46:30				4									13		15				19												w							39	
*46:32				4									13						19								29				w							39	
*46:33		2	3	4															19				23								w								
*47:01:01:01-47:01:02, 47:06							7								15									24	25														
*47:02							7								15										25														40
*47:03							7								15										25														w
*47:04, 48:26															15										25														
*47:07							7								15									24	25														
*47:08							7																	24	25														
*48:02:02		2	3	4																			23																
*48:06					5															20					25	26				31									
*48:07					5			8												20					25														
*48:12					5	6			9						15					20																			
*48:14				4	5				9						15					20																			
*48:17																							23		25														
*48:23				4																					25														
*48:25		2	3	4									13																										
*49:01:01-49:02, 49:06, 49:08-49:10, 49:12-49:17, 49:19N-49:22													13																								37		
*49:03												12	13					18		20																	37		
*49:04			3	4									13														29												
*49:07													13		15													30									37		
*49:11																							23														37		
*49:18						6							13																										
*50:01:01-50:02, 50:04-50:08, 50:10-50:13, 50:16													13																								37		40
*50:09													13														29												40
*50:14						6							13																										40
*50:15							7						13			16										27											37		40
*50:17		2											13																								37		40
*51:01:01, 51:01:03-51:01:08, 51:01:10, 51:01:12-51:01:14, 51:01:16-51:01:20, 51:01:22-51:01:24, 51:01:26-51:01:30, 51:01:32-51:02:01, 51:02:04-51:03, 51:11N-51:12, 51:21, 51:26-51:30, 51:32-51:33, 51:35-51:36, 51:38-51:39, 51:41N, 51:48-51:52, 51:55, 51:58, 51:60, 51:65-51:72, 51:74-51:75, 51:77, 51:79-51:80, 51:83-51:84, 51:86-51:88, 51:91, 51:95-51:96, 51:98N-51:102, 51:105, 51:107, 51:109-51:111, 51:113-51:114, 51:117, 51:121, 51:123-51:127, 51:129-51:131, 51:133-51:134, 51:136-51:137	1				5	6							13							20				24														
*51:01:02, 51:02:02, 51:43, 51:89, 51:132	1				5	6							13											24														
*51:01:09	1				5	6							13											24	25													
*51:01:11, 51:118N					5	6							13							20				24														
*51:01:15, 51:14, 51:24:01	1				5								13							20				24														
*51:01:21, 51:01:25	1				5	6							13							20				24	25													
*51:01:31, 51:02:03, 51:18, 51:94	1					6							13							20				24														
*51:04, 51:46	1	2			5	6							13	14						20		22		24														
*51:05, 51:09:02	1				5	6																		24														
*51:06:01, 51:59	1				5	6							13							20				24				28										
*51:06:02	1				5	6							13							20				24										35				
*51:07:01	1				5	6							13					18		20				24														
*51:07:02	1				5	6							13					18						24														
*51:08-51:09:01, 51:19, 51:40, 51:44N, 51:53, 51:115, 51:120, 51:122	1				5	6														20				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	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*51:10, 51:81	1				5															20				24	25															
*51:13:01-51:13:02	1				5			8					13							20				24					29											
*51:15	1				5			8															23	24													37			
*51:16, 51:34, 51:82	1				5	6							13		15					20				24						30										
*51:17, 51:85	1												13							20				24																
*51:20	1				5	6													w	20				24																
*51:22	1				5	6							13							20				24																
*51:23	1				5	6							13							20				24									33							
*51:24:02-51:24:04	1				5								13							20				24	25															
*51:31, 51:93	1				5	6									15					20				24						30										
*51:37	1		3	4									13							20				24					29											
*51:45	1		3	4									13							20				24				28												
*51:54	1				5	6																																		
*51:56:01	1	2			5	6							13	14						20		22		24																
*51:56:02	1	2			5	6							13							20		22		24																
*51:57	1				5	6							13							20				24		26					31									
*51:61:01-51:61:02	1				5	6							13							20				24														39		
*51:62	1				5			8					13							20				24				28									37			

*51:63	1			4	5								13							20				24					29											
*51:64	1				5	6			9				13							20				24				28												
*51:73	1				5	6														20				24																
*51:76	1				5	6							13							20				24																
*51:78:01-51:78:02	1				5	6							13																											
*51:90	1		3			6							13							20				24																
*51:92	1		3					8					13							20				24					29											
*51:97	1			4	5															20				24					29											
*51:103	1				5	6	7						13											24		26	27				31									
*51:104					5	6							13							20		22		24																
*51:106	1				5			8					13							20				24													37			
*51:108	1				5	6														20				24									33							
*51:112					5	6							13			16				20				24																
*51:116	1				5	6							13								21			24		26					31								
*51:119	1				5	6	7						13											24			27												
*51:128	1				5	6							13							20				24																
*51:135	1		3			6							13							20				24				28												
*52:01:01:01-52:01:01:02, 52:01:03, 52:01:05-52:01:08, 52:01:10, 52:01:12, 52:04-52:05, 52:11, 52:13, 52:17, 52:24, 52:30					5	6						12	13					18						24																
*52:01:02, 52:01:04, 52:01:09, 52:09					5	6						12	13					18		20				24																
*52:01:11						6						12	13					18						24																
*52:02, 58:08:01					5	6							13							20				24																
*52:03					5	6						12						18		20				24																
*52:06:01-52:06:02					5	6						12	13							20				24																
*52:07					5	6						12	13					18						24																
*52:08					5	6						12	13		15			18		20				24						30										
*52:10:01-52:10:02, 52:19, 52:29					5	6						12						18						24																
*52:12			3			6						12	13					18						24																
*52:14					5			8				12	13					18						24					29											
*52:15					5	6						12	13					18						24									33							
*52:16					5	6							13								21			24						30										
*52:18					5	6							13					18						24																
*52:20					5	6						12	13					18																						
*52:21					5	6						12	13					18		20				24														39		
*52:22-52:23					5	6						12	13											24																
*52:25					5			8				12	13					18						24													37			
*52:26												12	13					18						24																
*52:27					5	6						12	13					18			21			24																
*52:28					5	6						12						18																						
*53:01:01-53:01:02, 53:01:04-53:01:07, 53:03, 53:05, 53:10, 53:15, 53:18, 53:20, 53:25, 53:27	1	2	3	4																			23	24																
*53:01:03	1	2		4																			23	24																
*53:02	1	2	3	4																		22	23	24																
*53:04	1	2	3					8															23	24																
*53:06	1	2	3	4									13							20		22		24																
*53:07	1	2																						24										34						
*53:08:01	1	2	3	4									13											24																
*53:08:02	1	2		4									13											24																
*53:09	1	2	3	4														18					23																	
*53:11	1	2	3	4							11												w																	
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*53:12-53:13	1	2	3	4																			23																	
*53:14	1		3	4					9														23	24				28												
*53:16, 53:24	1	2	3	4							11												w	24																
*53:17:01		2	3	4								12		14				18					23	24																
*53:17:02		2	3	4								12						18					23	24																
*53:19	1	2			5	6																	23	24														38		
*53:21	1	2	3	4																			23	24		26					31									
*53:22	1	2	3	4																				24									33							
*53:23	1	2	3	4															w				23	24																
*53:26	1	2	3	4																			23	24																
*53:28		2	3	4								12	13					18				22		24																
*54:01:01, 54:01:03, 54:03, 54:05N, 54:07-54:08N, 54:13, 54:17-54:19, 54:21-54:22, 54:24-54:25, 54:27, 55:02:01-55:02:06, 55:07, 55:12, 55:16, 55:19, 55:30, 55:34, 55:39, 55:42-55:43, 55:47-55:48, 55:50, 56:01:01-56:01:03, 56:08, 56:10, 56:14, 56:16-56:17, 56:19N, 56:24, 56:26, 56:28N, 56:33-56:34					5			8											19				23														37			
*54:01:02					5			8											19				23									32					37			
*54:04, 56:15					5	6													19				23																	
*54:09, 56:18, 56:31			3	4														18	19																					
*54:10, 55:37					5			8											19				w														37			
*54:11					5														19				23		25															
*54:12, 56:07					5			8											w				23														37			

*54:14, 55:23			3	4														18	19				23						29												
*54:15																			19				23																			
*54:16, 55:46			3					8											19				23																			
*54:20, 55:01:01-55:01:07, 55:01:09, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:33, 55:36, 55:38, 55:40, 55:44-55:45, 55:52-55:53, 55:55N, 56:25					5			8					13						19																				37			
*54:26, 55:22					5			8							15				19	20			23							30									37			
*55:04, 55:49					5														19						25																	
*55:08					5														19						25			28														
*55:09, 55:24					5			8					13		15				19	20										30									37			
*55:13, 56:22					5			8											19				23						29													
*55:14		2	3	4									13	14				18	19																							
*55:17, 55:28					5	6							13						19																							
*55:21					5			8					13						19																				37		39	
*55:26					5			8											19				23																37			
*55:27			3			6													19				23																			
*55:32				4	5														19				23						29													
*55:35					5			8											19			w	23									32							37			
*55:41																			19				23																37			
*55:51					5														19									28														
*55:54, 56:27, 56:30					5			8											19																				37			
*55:56					5			8					13						19																				37			
*56:01:04, 56:20:01					5			8											19				23																			
*56:02					5			8											19				23					28											37			
*56:04					5			8											19									28											37			
*56:05:01-56:05:02					5	6							13						19																							
*56:06					5	6							13						19													32										
*56:09		2	3	4															19				23																			
*56:11		2	3					8											19				23																			
*56:12		2			5	6								14					19																							
*56:13					5			8											19																				37			
*56:20:02					5			8											19				23		25																	
*56:21					5	6							13						w																							
*56:29					5			8											19				23																37			
*56:32			3	4									13					18	19																							
*56:36					5		w	8											19				23				w												37			
*57:01:01-57:01:04, 57:01:06, 57:01:08-57:01:10, 57:01:12-57:01:13, 57:06, 57:08, 57:10, 57:15-57:16, 57:18, 57:20, 57:23, 57:27, 57:29, 57:34-57:38, 57:41, 57:43-57:44, 57:49-57:56		2		4										14										24																	
*57:01:05, 57:31, 57:47				4										14										24																	
*57:01:07		2		4										14										24	25																
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*57:01:11		2		4										14										24																	
*57:02:01-57:02:02, 57:28N, 57:42		2			5	6					11			14										24																	
*57:03:01-57:03:02, 57:17, 57:39, 57:46		2			5	6								14										24																	
*57:04		2									11			14										24																	
*57:05		2				6					11												w	24																	
*57:07		2			5	6								14										24									33							
*57:09, 57:57		2			5	6							13	14										24																	
*57:11				4																				24																	
*57:12		2			5	6					11			14																											
*57:13				4							11		13	14										24	25																
*57:14		2	3	4										14								22		24																	
*57:19, 57:30		2		4							11			14										24																	
*57:21				4																				24																	
*57:22		2		4									13	14										24																	
*57:24		2		4										14										24																	
*57:25		2		4										14	15									24																	
*57:26		2		4										14				18						24																	
*57:33, 57:40, 57:48		2		4																				24																	
*57:45		2		4										14										24									33								
*57:58		2		4										14							21			24																	
*58:01:01-58:01:02, 58:01:04, 58:01:06-58:01:09, 58:04, 58:13-58:15, 58:21, 58:23-58:24, 58:29, 58:31N-58:33, 58:36		2	3	4																			23	24																	
*58:01:03, 58:02, 58:25-58:26			3	4																			23	24																	
*58:01:05		2		4																			23	24																	
*58:01:10-58:01:11		2	3	4																			23	24																	
*58:05		2	3	4														18						24																	
*58:06			3	4									13											24																	
*58:07			3	4																			23	24									33								
*58:08:02					5	6							13											24																	
*58:09		2	3	4																		22	23	24																	
*58:10N		2	3	4																				24																	
*58:11		2	3	4																			23	24																	

*58:12		2	3	4																	21		23	24																
*58:16			3	4																			23	24				28												
*58:18			3	4					9														23	24				28												
*58:19		2	3	4									13											24																
*58:20					5			8																24																
*58:22		2	3	4							11												w	24																
*58:27					5															20				24	25															
*58:28		2			5	6								14									23	24																
*58:30		2	3	4																			23	24												36				
*58:34		2	3					8															23	24																
*58:35		2	3	4														18					23	24																
*58:37		2	3	4											15								23	24						30										
*59:02					5																		23																	
*59:03					5			8															23						29											
*67:03					5			8																	25															
*73:01-73:02							w																				w		29											
*78:01:01-78:01:02, 78:07	1				5	6							13						19													32							
*78:02:01-78:02:02	1				5	6							13																											
*78:03	1				5	6							13						19													32							
*78:04	1				5	6																																		
*78:05					5	6						12	13					18																						
*78:06					5	6						12	13					18							25															
*81:01					5															20	21				25					30		32								
*81:02					5															20					25							32								
*81:03					5															20	?				25					?		32								
*81:04N-81:05					5															20	?				25					?		32								
*82:01-82:02					5		7	8																									33				37			
*82:03					5			8																									33				37			
*83:01		2												14					19		21									30		32								
*A*01:41*											w																													
*A*02:211:01, A*33:40, C*01:06, C*04:113, C*05:12, C*16:43*																							w																	
*A*26:68, A*68:56, C*06:20, C*12:50*																																							39	
*C*01:10, C*02:02:14, C*07:15, C*07:207*																														w										
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
Length of spec.	95	150	115	280	295	85	160	280	140	140	225	95	170	75	135	95	180	105	230	200	260	90	190	425	135	210	110	230	105	115	170	170	70	230	240	110	85	300	115	185
PCR product(s)							330			240		125				190		180				270			220	370	160			325	210		205		365	180				
																																	310			230				
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
*C*01:49-01:50, C*03:28, C*03:49, C*03:117, C*04:80, C*04:100, C*05:10, C*15:08*											11																													
*C*01:71, C*02:02:19, C*02:23, C*02:36, C*07:01:24, C*07:178, C*07:182, C*15:02:05, 15:06:03*			3																																					
*C*01:73, C*07:02:30, C*08:16:02*																																w								
*C*02:03, C*04:34, C*04:122, C*07:95, C*08:39, C*15:57*																							23																	
*C*02:56*															15																								39	
*C*02:58, C*03:05, C*03:25, C*03:27, C*03:135*																												28												
*C*03:40:03*														14																										
*C*03:90, C*03:103*																																		34						
*C*03:102*		2																																						
*C*04:110*											11			14																										
*C*05:30*																																								
*C*06:21*																																								
*C*07:04:01-07:04:08, C*07:11-07:12, C*07:45, C*07:101, C*07:139, C*07:142, C*07:181, C*07:199:01-07:199:02*																																								
*C*07:63*										10																														
*C*07:123, C*07:173*			3															18																						
*C*15:09, C*15:19, C*15:27, C*15:61, C*16:20*																		18																						
*C*15:39*																						22																		
*C*15:51*																																				36				
*C*15:56*																																								
HLA-B allele[2,3]																																								
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	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

INTERPRETATION TABLE

HLA-B*35 SSP subtyping

Amplification patterns of the B*35:01 to B*35:205 alleles

Well[7]																																															
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79									
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.								
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				PCR product(s)								
	190		300												235		200			265																										
	250																																														
1070	800	1070	1070	800	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	800	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	800	1070	1070	1070	1070	1070	1070	Length of int. pos. control[1]								
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.								
																																							HLA-B allele[2,3]								
				45			48																																***35:01:01:01-**35:01:03, **35:01:05-**35:01:16, 35:01:18-35:01:22, 35:01:24-35:01:27, 35:01:29-35:01:31, 35:42:02, 35:148, 35:168, 35:170-35:171, 35:175, 35:177-35:178, 35:180, 35:189, 35:194, 35:200, 35:202[9]								
				45			48	49																															***35:01:04**								
				45			48																																***35:01:17**								
				45			48																																***35:01:23,** 35:42:01								
							48																																*35:01:28								
				45			48																									73							***35:02:01-**35:02:04, 35:183								
				45			48																																***35:03:01,** 35:03:03-35:03:06, 35:03:08-35:03:10, **35:98,** 35:152-35:153, 35:155, 35:160, 35:181, 35:204[9]								
				45			48																																*35:03:02								
				45			48																																*35:03:07								
				45			48																								72								*35:03:11								
				45			48																																***35:04:01-35:04:02**								
				45			48																																*35:04:03								
				45			48	49																															***35:05:01-35:05:02**								
				45			48																																*35:05:03								
				45			48																																***35:06**								
				45			48																																*35:07								
				45			48																																***35:08:01-35:08:02, 35:08:04-**35:08:05								
				45			48	49																															*35:08:03								
				45			48																																***35:09:01**								
				45			48																								72								*35:09:02-**35:09:03**								
				45			48																																***35:10**								
				45			48																																***35:11:01**								
				45			48																																*35:11:02								
				45			48																																***35:12:01-**35:12:03								
				45			48																																***35:13**								
				45			48																																***35:14:01**								
				45			48																																*35:14:02								
				45			48																																***35:15**								
				45			48																																***35:16**								
				45			48																																***35:17**								
				45			48																								72								*35:18								
				45			48																																***35:19**								
				45																																			***35:20:01-35:20:02**								
				45			48																																***35:21**								
				45			48																																***35:22**								
				45			48																																***35:23**								
				45			48																																***35:24:01-35:24:02**								
				45			48																																*35:25								
				45																																			***35:26**								
				45			48																											75					*35:27, 35:203								
				45																																			***35:28**								
				45			48																																***35:29:01-**35:29:02								
				45			48	49																															***35:30**								
					46		48																								72								***35:31**								
				45			48																																***35:32:01-**35:32:02								
				45			48																																***35:33**								
				45			48																																***35:34**								
				45	46		48																																***35:35**								
				45			48																													77			*35:36								
				45			48																																***35:37**								
				45		47	48																																***35:38**								
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.								
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.								
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				PCR product(s)								
	190		300												235		200			265																										
	250																																														

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
				45			48																																*35:39
				45			48																																*35:40N
				45			48																																***35:41**
					46		48																																***35:43:01**
				45			48																																*35:44
				45			48																																*35:45
				45	46		48																																*35:46
				45			48																																***35:47**
				45			48																																***35:48**
				45			48																																***35:49**
				45			48																																*35:50, 35:197
				45			48																																*35:51
41				45			48																																*35:52
	42			45			48																																*35:53N
		43		45			48																																*35:54
			44	45			48																																***35:55**
				45			48																											75					*35:56
					46		48																																***35:57**
				45			48	49																															***35:58**
				45			48																																***35:59**
					46		48																																*35:60
				45			48																																***35:61**
				45			48																																***35:62**
				45																																			*35:63
				45			48																								72								***35:64**
	42			45			48																																***35:65Q**
				45			48	49																															*35:66
				45			48																																*35:67
				45			48																																*35:68:01
				45			48	49																															***35:68:02**
				45			48																																*35:69
				45			48																																*35:70
				45			48																																*35:71
				45																																			***35:72**
				45			48																																***35:74**
				45			48																																*35:75
				45																																			*35:76
				45			48																																***35:77**
			44	45																																			*35:78
					46		48																																*35:79
				45			48																																*35:80
				45			48																									73							*35:81
41				45																																			*35:82
				45			48																									73							*35:83
				45			48																																*35:84
41				45																																			*35:85
				45			48																																*35:86
					46		48																																***35:87**
				45			48																								72								*35:88
		43		45			48	49																															*35:89
				45			48																																*35:90
	42			45			48																																*35:91
41				45			48																																*35:92
				45			48																																*35:93
				45			48																														78		*35:94
				45																												73							***35:95**
				45			48																																***35:96**
	42			45			48	49																															***35:97**
				45			48																																***35:99**
				45			48			51																												***35:100**
				45			48		50																														***35:101:01-**35:101:02
				45			48			51																													*35:102
				45			48					53																											***35:103**
				45			48				52																												***35:104**
				45			48																		66														***35:105**
				45			48						54																										***35:106**
				45			48								56																								*35:107
				45			48							55																									***35:108:01-35:108:02**
				45			48																																*35:109
				45			48						54																										*35:110
				45			48									57																							*35:111
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160			135	375				PCR product(s)
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
				45			48										58																						***35:112**
				45			48																		66														***35:113**
				45			48	49																							72								*35:114
				45			48										58																						***35:115**
				45			48											59																					***35:116**
				45			48																						70										***35:117**
				45			48																								72								*35:118
				45			48																							71									*35:119
				45			48												60																				***35:120**

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	
				45			48												60																				***35:121**
				45			48													61																			*35:122, 35:123[4]
				45			48																																***35:124**
				45			48																																*35:125
				45			48																							71									***35:126**
				45			48											59																					*35:127
				45			48								56																								***35:128**
				45			48					53																				73							*35:129N
				45			48																64																*35:130N, 35:134N[5]
				45			48																															79	*35:131
				45			48														62																		***35:132, 35:144[6]**
				45			48																		66														*35:133, 35:159
41				45																																			*35:135
				45			48																																***35:136**
				45			48																				68												***35:137**
				45			48																			67													*35:138
				45			48										58			61																			*35:139
				45			48																				68												*35:140
				45			48				52																												***35:141**
				45			48																																*35:142
				45			48																					69											*35:143
				45			48			51																													*35:145N
				45			48															63										73							*35:146
				45			48																				68	69											*35:147
				45			48									57																							***35:149**
				45			48																																*35:150
				45			48	49																															*35:151
				45			48																									73							*35:154
				45			48																																*35:156
				45			48																																***35:157**
				45			48								56																								***35:158**
				45			48																												76				*35:161
				45			48																									73							*35:162
				45			48																																*35:163
				45			48																																*35:164
				45			48																						70										*35:165N
				45			48																																*35:166
				45			48																																*35:167
				45		47	48																																***35:169**
				45			48																									73							*35:172
				45			48																										74						*35:173N
				45			48																																***35:174**
				45			48																											75					***35:176**
				45			48																																*35:179
				45			48																				68					73							***35:182**
				45			48																									73							*35:184
					46		48																											75					*35:185
				45																																			*35:186
				45			48																																*35:187, 35:192
				45			48																																*35:188
				45			48																																*35:190
				45			48																			67													***35:191**
				45			48																												76				***35:193**
				45			48		50																														*35:195
				45			48																																*35:196
				45			48																																*35:198
				45			48																																*35:199
				45			48																																*35:201
				45			48																								72								*35:205
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	**Length of spec.**
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				**PCR product(s)**
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**
					46																										72								*07:02:01-07:02:02, 07:02:04-07:02:12, 07:02:15-07:02:24, 07:02:26-07:04, 07:07, 07:10, 07:19, 07:21-07:22:01, 07:23, 07:26, 07:28, 07:30-07:31, 07:33, 07:35, 07:39, 07:41-07:47, 07:49N, 07:52, 07:54-07:55, 07:56:02, 07:59, 07:61-07:64, 07:66-07:67N, 07:70-07:71, 07:74, 07:76-07:77, 07:79, 07:81-07:85, 07:87-07:89, 07:93-07:96:02, 07:98-07:99, 07:101-07:104, 07:106-07:108, 07:110-07:111N, 07:113-07:122, 07:124-07:130, 07:132, 07:134-07:136, 07:139, 07:141-07:148, 07:150-07:152, 07:154, 07:156-07:161N
					46																										72								*07:02:03, 07:16, 07:27, 07:36-07:37, 07:50, 07:56:01, 07:75, 07:91, 07:109, 07:149, 48:08
					46																										72								*07:02:13
					46																																		*07:02:14, 07:02:25

					46																										72												*07:05:01-07:05:03, 07:05:05-07:06, 07:40, 07:53, 07:69, 07:80, 07:90, 07:97, 07:112, 07:123, 07:138
					46																										72												*07:05:04, 07:105, 48:05, 48:15
					46																										72												*07:08
					46																										72												*07:09, 07:17
					46																										72												*07:11
					46																										72												*07:12
					46																										72												*07:13, 07:15, 07:57, 07:92
					46																										72												*07:14, 07:18:01-07:18:02
					46																										72												*07:20
					46																										72												*07:22:02
					46																										72												*07:24, 07:60, 07:131
					46																										72												*07:25, 07:48, 07:51, 07:155
					46																										72												*07:29, 07:65, 07:72, 07:86
					46																										72												*07:32
					46																										72												*07:34
					46																										72												*07:38
																															72												*07:58
					46																																						*07:68:01
					46																																						*07:68:02
					46																										72												*07:68:03
					46																										72												*07:73, 40:32, 40:98
					46																										72												*07:78
					46																																						*07:100
					46																										72												*07:133
					46																										72												*07:137
					46																										72												*07:140
					46																										72												*07:153
					46																										72												*07:162
					46																																						*08:01:01, 08:01:03-08:01:10, 08:01:12, 08:01:14-08:01:17, 08:05, 08:08N-08:12:02, 08:13, 08:15-08:16, 08:18-08:19N, 08:22, 08:24, 08:27, 08:29-08:31, 08:33-08:34, 08:36, 08:38-08:39, 08:41-08:48, 08:50-08:52, 08:55, 08:57-08:59, 08:62-08:64, 08:67N-08:68, 08:70, 08:73, 08:75-08:77, 08:80-08:84, 08:86N, 08:90-08:93
					46																										72												*08:01:02, 08:01:13
					46																																						*08:01:11
					46																																						*08:02, 08:78
					46																																						*08:03, 08:23, 08:66, 08:72N
					46																																						*08:04, 08:17, 08:26, 08:61, 08:65, 08:85, 55:20
					46																																						*08:07
					46																																						*08:12:03
					46																																						*08:14, 08:74, 08:87
					46																										72												*08:20
41	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**Well No.**				
105	**115**	**205**	**110**	**165**	**165**	**160**	**390**	**385**	**180**	**65**	**220**	**135**	**160**	**300**	**140**	**150**	**110**	**75**	**90**	**110**	**140**	**60**	**90**	**220**	**90**	**105**	**80**	**95**	**135**	**120**	**220**	**205**	**160**	**90**	**220**	**385**	**310**	**100**	**Length of spec.**				
130	**155**	**255**	**145**							**160**	**250**	**220**	**190**		**215**	**185**	**160**	**150**	**135**	**175**	**260**		**245**		**115**	**200**	**100**	**325**		**160**				**135**	**375**				**PCR product(s)**				
	190		**300**												**235**		**200**			**265**																							
	250																																										
41	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**Well No.**				
					46																																						*08:21, 08:25
					46																																						*08:28
					46																																						*08:32
					46																																						*08:35
					46												58																										*08:37, 08:89
					46																																						*08:40
					46																																						*08:49
					46																																						*08:53
					46																																						*08:54, 41:02:04, 41:05, 41:12, 42:11
					46																																						*08:56
					46																																						*08:60
					46	47																																				*08:69
					46																																						*08:71
					46																										72												*08:79
					46																																						*08:88
					46																																						*08:94
					46																																						*13:01:01-13:01:02, 13:01:04-13:01:06, 13:07N, 13:17, 13:22:02-13:23, 13:25, 13:28-13:29, 13:39, 13:43, 13:52, 13:57
					46																																						*13:01:03
					46																																						*13:02:01-13:02:13, 13:08Q-13:09, 13:11, 13:14-13:15, 13:19, 13:27, 13:30, 13:32-13:33, 13:37-13:38, 13:40, 13:42, 13:44-13:45, 13:47, 13:49N, 13:54-13:56N
					46																																						*13:03, 13:53, 15:86, 54:02, 54:23, 55:10, 55:18, 56:23, 56:35, 59:01:01:01-59:01:01:02, 59:04-59:05

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				PCR product(s)
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
					46																																		*15:01:01:01-15:01:04, 15:01:06-15:01:13, 15:01:15-15:01:16, 15:01:18-15:01:29, 15:24, 15:28, 15:34-15:35, 15:38:01, 15:43, 15:54, 15:56-15:57, 15:60, 15:66, 15:71, 15:79N, 15:81-15:82, 15:87, 15:92, 15:94N, 15:96-15:97, 15:104, 15:113, 15:118, 15:120, 15:122, 15:125, 15:128, 15:135, 15:140, 15:142, 15:146-15:147, 15:149N, 15:152, 15:157, 15:159-15:160, 15:163-15:164, 15:166-15:167, 15:169, 15:171-15:172, 15:174-15:175, 15:178, 15:181N-15:183, 15:187, 15:190N, 15:192-15:193, 15:201, 15:203, 15:205-15:206, 15:211, 15:217, 15:225, 15:227, 15:231-15:232, 15:234, 15:244, 15:246N-15:247, 15:251
					46																																		*15:01:14, 15:26N, 15:32, 15:110, 15:129, 15:184, 15:245Q
					46																																		*15:01:17, 15:03:01, 15:03:03, 15:18:01, 15:18:03-15:18:04, 15:23, 15:39:01, 15:64-15:65, 15:72, 15:74, 15:78:01, 15:78:03, 15:98, 15:103, 15:108, 15:115, 15:119, 15:127, 15:132, 15:134, 15:153, 15:156, 15:158, 15:173, 15:210, 15:219-15:221, 15:226N, 15:242, 15:249
					46																																		*15:02:01-15:02:02, 15:02:04-15:02:06, 15:13:01-15:13:02, 15:21, 15:44, 15:89, 15:112, 15:121, 15:139, 15:170, 15:213-15:214, 15:223
					46																										72								*15:02:03
					46																										72								*15:03:02
					46																																		*15:04
					46																																		*15:05:01, 15:123, 15:136, 15:151, 15:176, 15:185, 15:200, 15:235, 15:237
					46																																		*15:05:02
					46																																		*15:06, 15:195
					46																																		*15:07:01-15:07:02, 15:68, 15:126, 15:207
					46																																		*15:08, 15:11:01-15:11:02, 15:11:04-15:11:05, 15:15, 15:148, 15:191, 15:209N
					46																																		*15:09, 15:243
					46																																		*15:10:01-15:10:02, 15:37, 15:90, 15:99
					46																																		*15:11:03
					46																																		*15:12, 15:19
					46																																		*15:14, 15:46

					46																																					*15:16:01-15:16:03, 15:67, 15:95, 15:254, 49:05
					46																																					*15:17:01:01-15:17:02, 15:168, 15:177, 15:196, 15:208, 15:216, 15:230
					46																																					*15:18:02
				45																																						*15:20, 48:02:01, 58:17N
					46																																					*15:25:01-15:25:03, 15:36, 15:80, 15:204, 15:240
					46																																					*15:27:01-15:27:02, 15:109
					46																																					*15:27:03
					46																																					*15:29
					46																																					*15:30
					46																																					*15:31
					46																													72								*15:33, 15:78:02, 15:116, 15:141
					46																																					*15:38:02
					46																																					*15:39:02
					46																																					*15:40, 15:47:01, 15:49, 15:138, 15:238
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79		**Well No.**
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100		**Length of spec.**
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375					**PCR product(s)**
	190		300												235		200			265																				
	250																																							
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79		**Well No.**
					46																																					*15:45
					46																										72											*15:47:02
					46																																					*15:48
					46																																					*15:50
					46												58																									*15:51
					46																																					*15:52, 15:114, 15:124
					46																																					*15:53, 15:212
					46																																					*15:55
					46																																					*15:58
					46																																					*15:61
					46																																					*15:62
					46																																					*15:63
					46																																					*15:69, 15:93
					46																																					*15:70, 15:101, 15:236, 56:03
					46																																					*15:73
					46																																					*15:75, 15:105, 15:111N, 15:145
					46																																					*15:76
					46																																					*15:77, 44:146
					46																																					*15:83, 39:70
					46																																					*15:84
					46																																					*15:85
					46																																					*15:88
					46																																					*15:91
																																										*15:102
					46																																					*15:106
					46																										72											*15:107
					46																																					*15:117, 15:241
					46																																					*15:131, 15:161
					46																																					*15:133, 15:253
					46																																					*15:137
					46																																					*15:143
					46																																					*15:144
					46																										72											*15:150
					46																																					*15:154
					46																																					*15:155
					46																																					*15:162, 44:41:01, 44:65
					46																																					*15:165
					46												58																									*15:179
					46																																					*15:180
					46																																					*15:186
					46																										72											*15:188
					46																																					*15:189
					46																																					*15:194
					46																								70													*15:197
					46																														76							*15:198
					46												58																									*15:199
					46																																					*15:202, 15:239
					46																								70													*15:215
					46												58																									*15:218Q
					46																																					*15:224
				45																																						*15:228
					46																																					*15:229
					46																																					*15:233
					46																										72											*15:248
					46																																					*15:250, 44:144
					46																																					*15:252

					46																																					*18:01:01:01-18:01:09, 18:01:11-18:03, 18:05-18:06, 18:08, 18:11, 18:13, 18:17N-18:18, 18:23N-18:25, 18:28, 18:31-18:32, 18:34, 18:38-18:40, 18:42-18:47, 18:51, 18:53, 18:55, 18:59-18:60, 18:62-18:65, 18:68, 18:70-18:76
					46																																					*18:01:10, 18:20
					46																																					*18:04
					46		48																																			*18:07:01-18:07:02
				44	46																																					*18:09
					46																																					*18:10, 18:35, 18:50
					46																																					*18:12
					46																																					*18:14
					46																																					*18:15, 18:30
					46																																					*18:19
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**			
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	**Length of spec.**			
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				**PCR product(s)**			
	190		300												235		200			265																						
	250																																									
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**			
					46																										72											*18:21
					46																																				*18:22
					46																																				*18:26
					46																																				*18:27
					46		48																																			*18:29
41					46																																					*18:33
					46																																					*18:36, 18:58
					46																																					*18:37
					46																																					*18:41
					46																																					*18:48
					46																													75								*18:49
					46																																					*18:52
					46																																					*18:54, 18:67
					46												58																									*18:56
					46																																					*18:57
					46																																					*18:61
					46																																					*18:66
					46																																					*18:69
					46																										72											*27:01, 27:31, 27:49, 27:61
					46																										72											*27:02:01-27:03, 27:05:02-27:05:19, 27:09, 27:13, 27:16-27:17, 27:29, 27:35, 27:37, 27:39, 27:45-27:46, 27:48, 27:50-27:51, 27:53, 27:55-27:60, 27:64N-27:65N, 27:70, 27:72-27:74, 27:77-27:78, 27:80-27:85, 27:87-27:88
					46																										72											*27:04:01-27:04:03, 27:06, 27:21, 27:66N, 27:68-27:69, 27:79, 27:86, 27:91
					46																										72											*27:07:01-27:07:02, 27:43
					46																										72											*27:08, 27:12, 27:26, 27:42, 27:44, 27:89
					46																										72											*27:10, 27:54
					46																										72											*27:11
					46																										72											*27:14
					46																										72											*27:15, 27:63
					46																										72											*27:18, 27:40
					46																										72											*27:19, 27:30
					46																										72											*27:20, 27:24
					46		48																								72											*27:23
					46																										72											*27:25
					46																										72											*27:27
					46																										72											*27:28, 27:38, 27:47, 27:62, 27:71
					46																										72											*27:32
					46																										72											*27:33
					46																										72											*27:34
					46																										72											*27:36
					46																										72											*27:41
					46																						68				72											*27:52
					46																										72											*27:67, 47:05
					46																										72											*27:75
					46																																					*27:76
					46																																					*27:90
					46																										72											*27:92
					46																																					*37:01:01-37:01:05, 37:01:07, 37:03N, 37:15-37:20, 37:23-37:25, 37:27, 37:30N-37:34
					46																																					*37:01:06, 37:06
					46																																					*37:01:08
					46																										72											*37:02
					46																																					*37:04:01-37:04:02
					46																													75								*37:05
					46																										72											*37:07
					46																																					*37:08
					46																										72											*37:09

			44		46																																		*37:10
					46																																		*37:11, 37:14, 37:29
					46																																		*37:12
					46																																		*37:13
					46		48																																*37:21
					46																																		*37:22
					46																																		*37:26
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	**Length of spec.**
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				**PCR product(s)**
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**
					46																																		*37:28
					46																																		*38:01:01, 38:01:03-38:05, 38:08-38:09, 38:11-38:15, 38:17-38:18, 38:21, 38:23-38:28, 38:31, 38:34N-38:40, 39:01:01:01-39:01:01:03, 39:01:03-39:01:13, 39:02:01-39:02:02, 39:05:01-39:05:02, 39:08-39:13:02, 39:16, 39:20, 39:22-39:23, 39:26-39:28, 39:30-39:31, 39:38Q-39:41, 39:44-39:45, 39:48, 39:51-39:54, 39:56, 39:59-39:61, 39:65-39:68, 39:71-39:73, 39:75, 67:01:01-67:02
					46																																		*38:01:02
					46																																		*38:06-38:07
					46																																		*38:10, 38:32, 39:18, 39:35
					46																																		*38:16
					46																																		*38:19, 39:03, 39:24:01-39:24:02, 39:37
					46																																		*38:20, 39:42
					46																									72									*38:22
					46																																		*38:29, 39:15, 39:49, 39:55
					46	47																																	*38:30
					46																																		*38:33
					46																																		*39:01:14
					46																																		*39:04
					46																																		*39:06:01-39:06:02, 39:33-39:34, 39:57, 39:62, 39:64
					46																																		*39:07, 39:43
					46																																		*39:14
					46																																		*39:17, 44:15, 44:18
41					46																																		*39:19:01
41					46																																		*39:19:02
					46																																		*39:25N, 44:20, 44:41:02, 44:47, 44:99-44:100, 44:138Q
					46																																		*39:29
					46																																		*39:32, 39:74
					46																																		*39:36
																																							*39:46
					46																																		*39:47
					46																																		*39:50
					46																																		*39:58
					46																																		*39:63
					46																																		*39:69
					46																									72									*40:01:01-40:01:13, 40:01:15-40:02:03, 40:02:05-40:02:09, 40:02:11-40:02:15, 40:06:01:01-40:06:04, 40:07, 40:11:01-40:11:02, 40:14:03, 40:22N, 40:27:01-40:27:02, 40:29, 40:37, 40:40, 40:45, 40:49-40:50, 40:53-40:58, 40:61-40:62, 40:65-40:67, 40:69, 40:72:02, 40:74-40:75, 40:78-40:81, 40:84-40:85, 40:88, 40:90-40:91, 40:97, 40:101-40:104, 40:107-40:108, 40:111-40:116, 40:118N-40:119, 40:122-40:123, 40:126-40:128, 40:130, 40:134-40:135, 40:138-40:147, 40:150-40:156, 40:164-40:165, 40:167-40:169, 40:171, 40:173, 40:175-40:177, 40:179, 40:181-40:182, 40:186, 40:189-40:197, 40:200, 40:202-40:208, 40:210-40:214
					46																																		*40:01:14, 40:14:02, 40:82
					46																									72									*40:02:04, 40:10:02, 44:31
					46																									72									*40:02:10, 40:09, 40:18, 40:31, 40:33, 40:42, 40:44, 40:89, 40:124:01-40:124:02, 40:131, 40:172, 40:180, 40:187
					46																									72									*40:03, 40:20, 40:52
					46																									72									*40:04, 40:129
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
	105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
	130	155	255	145						160	250	220	190		215	185	160	150	135		175	260		245		115	200	100	325		160				135	375				PCR product(s)
		190		300											235		200				265																			
		250																																						
					46																										72								*40:05, 40:174
					46																																		*40:06:05, 40:14:01, 40:72:01, 40:136, 41:19
					46		48																								72								*40:08
					46																										72								*40:10:01, 40:12, 40:21, 40:47, 40:76, 40:83, 40:94, 40:96, 40:110, 40:157, 40:170, 40:201, 40:215, 48:01:01-48:01:03, 48:03:01-48:04, 48:09-48:11, 48:13, 48:16, 48:18-48:22, 48:24, 48:27-48:28
					46		48																								72								*40:13
					46																										72								*40:15-40:16, 40:23, 40:148, 40:161, 40:183, 40:198
					46																										72								*40:19, 40:109, 40:117, 40:188
					46																										72								*40:24, 40:120
					46																										72								*40:25
					46																																		*40:26
					46																																		*40:28
					46																										72								*40:30, 40:34, 40:64, 40:160
					46																										72								*40:35
					46																										72								*40:36, 40:48
					46																										72								*40:38, 40:105
					46																										72								*40:39, 40:133Q, 40:163, 40:199, 41:08
					46																										72								*40:43, 40:73
					46																										72								*40:46, 40:93
					46																										72								*40:51
					46																										72								*40:59-40:60
					46																										72								*40:63, 40:92
					46		?																								72								*40:68
					46																										72								*40:70, 40:99, 40:125
					46																																		*40:71
					46																																		*40:77
					46																										72								*40:86
					46																																		*40:87:01
					46																										72								*40:87:02
					46																																		*40:95
					46																										72								*40:100
					46		?																								72								*40:106
					46																																		*40:121
					46																										72								*40:132, 40:178
					46																										72								*40:137
					46																										72								*40:149
					46																																		*40:158
					46																										72								*40:159
					46		?																								72								*40:162
					46																										72								*40:166
					46																																		*40:184
					46																										72								*40:185, 40:209
					46																																		*41:01-41:02:03, 41:03:01-41:03:02, 41:06-41:07, 41:09, 41:11, 41:13-41:17, 41:20
					46																																		*41:04, 41:21
					46																																		*41:10, 45:03
					46	47																																	*41:18
					46																																		*42:01:01-42:02, 42:04-42:05:02, 42:07-42:08, 42:12, 42:14
					46	47																																	*42:06
					46												58																						*42:09
					46																																		*42:10, 42:17
					46																																		*42:13
					46																																		*42:15
					46																																		*42:16
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
	105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
	130	155	255	145						160	250	220	190		215	185	160	150	135		175	260		245		115	200	100	325		160				135	375				PCR product(s)
		190		300											235		200				265																			
		250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
					46																																		*44:02:01:01-44:02:05, 44:02:07-44:02:11, 44:02:13-44:03:13, 44:03:15-44:03:16, 44:05:01-44:05:04, 44:07-44:08, 44:11, 44:13, 44:19N, 44:22-44:24, 44:27:01-44:27:02, 44:29-44:30, 44:32-44:35, 44:37:01-44:39, 44:42, 44:48-44:49, 44:52N, 44:55, 44:57-44:61N, 44:63, 44:67-44:74, 44:78, 44:80-44:81, 44:85-44:86, 44:88-44:89, 44:91-44:94, 44:96-44:98, 44:101-44:105, 44:108N-44:109, 44:111-44:116, 44:120-44:122, 44:125-44:128, 44:132-44:133, 44:136-44:137, 44:139, 44:141-44:143, 44:145, 44:147-44:149N, 44:152-44:155
					46																																		*44:02:06, 44:02:12, 44:36, 44:87, 44:119, 44:151
					46																										72								*44:03:14
					46																																		*44:04, 44:28:01-44:28:02, 44:56N
					46		48																																*44:06, 51:42
					46																																		*44:09, 44:46, 44:75, 44:129, 44:131
					46																																		*44:10
					46																																		*44:12
					46																																		*44:14
					46																																		*44:16, 44:21, 44:64:01-44:64:02, 44:124
					46												58																						*44:17
					46																																		*44:25, 44:50, 44:95, 57:32
					46																					67													*44:26
					46																																		*44:40, 44:44
					46																																		*44:43:01
					46																																		*44:43:02
					46																																		*44:45, 44:51
					46																																		*44:53
					46																																		*44:54, 44:106
					46																																		*44:62, 44:77
																																							*44:66, 44:118
					46																																		*44:76
					46																																		*44:79
					46																																		*44:82
			44		46																																		*44:83
					46																																		*44:84
					46																																		*44:90
					46																																		*44:107, 44:123
					46																																		*44:110
					46	w																																	*44:117
					46																																		*44:130
			44		46																						68												*44:134
					46																																		*44:135
					46																																		*44:140
					46																										72								*44:150
					46																																		*45:01, 45:04-45:05, 45:07-45:08, 45:11, 45:13
					46																																		*45:02
					46																																		*45:06
					46												58																						*45:09
					46																																		*45:10
					46																											73							*45:12
					46	47																																	*45:14
					46																																		*46:01:01, 46:01:04-46:01:07, 46:04, 46:10, 46:14-46:16, 46:20, 46:22-46:24, 46:26-46:28, 46:31, 46:34
					46																																		*46:01:02, 46:02, 54:06
					46																																		*46:01:03
					46																																		*46:03
					46																																		*46:05
					46																										72								*46:06
					46																																		*46:07N
					46																																		*46:08
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				PCR product(s)
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
					46																																		*46:09
					46																																		*46:11, 46:18
					46																																		*46:12
					46																																		*46:13:01
					46																																		*46:13:02-46:13:03, 46:19
					46																																		*46:17
					46																																		*46:21:01
					46																																		*46:21:02
					46																																		*46:25

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
					46																																		*46:29
					46																																		*46:30
					46																																		*46:32
					46																																		*46:33
					46																										72								*47:01:01:01-47:01:02, 47:06
					46																										72								*47:02
					46																										72								*47:03
					46																										72								*47:04, 48:26
					46																					67					72								*47:07
					46																										72								*47:08
				45	46																																		*48:02:02
					46																										72								*48:06
					46																										72								*48:07
					46																																		*48:12
					46																																		*48:14
					46																										72								*48:17
					46																										72								*48:23
					46																																		*48:25
					46																																		*49:01:01-49:02, 49:06, 49:08-49:10, 49:12-49:17, 49:19N-49:22
					46																																		*49:03
					46																																		*49:04
					46																																		*49:07
					46																																		*49:11
					46																																		*49:18
					46																																		*50:01:01-50:02, 50:04-50:08, 50:10-50:13, 50:16
					46																																		*50:09
					46																																		*50:14
					46																																		*50:15
					46																																		*50:17
				45			48																																*51:01:01, 51:01:03-51:01:08, 51:01:10, 51:01:12-51:01:14, 51:01:16-51:01:20, 51:01:22-51:01:24, 51:01:26-51:01:30, 51:01:32-51:02:01, 51:02:04-51:03, 51:11N-51:12, 51:21, 51:26-51:30, 51:32-51:33, 51:35-51:36, 51:38-51:39, 51:41N, 51:48-51:52, 51:55, 51:58, 51:60, 51:65-51:72, 51:74-51:75, 51:77, 51:79-51:80, 51:83-51:84, 51:86-51:88, 51:91, 51:95-51:96, 51:98N-51:102, 51:105, 51:107, 51:109-51:111, 51:113-51:114, 51:117, 51:121, 51:123-51:127, 51:129-51:131, 51:133-51:134, 51:136-51:137
				45			48																																*51:01:02, 51:02:02, 51:43, 51:89, 51:132
				45			48																								72								*51:01:09
				45			48																																*51:01:11, 51:118N
				45			48																																*51:01:15, 51:14, 51:24:01
				45			48																								72								*51:01:21, 51:01:25
				45			48																																*51:01:31, 51:02:03, 51:18, 51:94
				45			48																																*51:04, 51:46
				45			48																																*51:05, 51:09:02
				45			48																																*51:06:01, 51:59
				45			48																																*51:06:02
				45																																			*51:07:01
				45																																			*51:07:02
				45			48																																*51:08-51:09:01, 51:19, 51:40, 51:44N, 51:53, 51:115, 51:120, 51:122
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				PCR product(s)
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
				45			48																								72								*51:10, 51:81
				45			48																																*51:13:01-51:13:02
				45			48																																*51:15
				45			48																																*51:16, 51:34, 51:82
				45			48																																*51:17, 51:85
				45			48																																*51:20
41				45																																			*51:22
				45			48																																*51:23
				45			48																								72								*51:24:02-51:24:04
				45			48																																*51:31, 51:93
				45			48																																*51:37
				45			48																																*51:45
			44	45			48																																*51:54
				45			48	49																															*51:56:01
				45			48																																*51:56:02
				45			48																																*51:57
				45			48																																*51:61:01-51:61:02
				45			48																																*51:62

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	
				45			48																																*51:63
				45			48																																*51:64
				45			48																					69											*51:73
				45			48		50																														*51:76
			44	45			48																																*51:78:01-51:78:02
				45			48																																*51:90
				45			48																																*51:92
				45			48																																*51:97
				45			48																				68												*51:103
				45			48																																*51:104
				45			48																																*51:106
				45			48																																*51:108
				45			48																																*51:112
				45			48																																*51:116
				45			48																																*51:119
				45																																			*51:128
				45			48																																*51:135
				45																																			*52:01:01:01-52:01:01:02, 52:01:03, 52:01:05-52:01:08, 52:01:10, 52:01:12, 52:04-52:05, 52:11, 52:13, 52:17, 52:24, 52:30
				45																																			*52:01:02, 52:01:04, 52:01:09, 52:09
				45																																			*52:01:11
				45																																			*52:02, 58:08:01
				45																																			*52:03
				45			48																																*52:06:01-52:06:02
					46																																		*52:07
				45																																			*52:08
				45																																			*52:10:01-52:10:02, 52:19, 52:29
				45																																			*52:12
				45																																			*52:14
				45																																			*52:15
				45																																			*52:16
				45																																			*52:18
			44	45																																			*52:20
				45																																			*52:21
				45																																			*52:22-52:23
				45																																			*52:25
				45																																			*52:26
				45																																			*52:27
				45																																			*52:28
				45			48																																*53:01:01-53:01:02, 53:01:04-53:01:07, 53:03, 53:05, 53:10, 53:15, 53:18, 53:20, 53:25, 53:27
				45			48																																*53:01:03
				45			48																																*53:02
				45			48																																*53:04
				45			48																																*53:06
				45			48																																*53:07
				45			48																																*53:08:01
				45			48																																*53:08:02
			44	45																																			*53:09
			44	45			48																																*53:11
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	**Length of spec.**
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				**PCR product(s)**
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	**Well No.**
			44	45			48																																*53:12-53:13
				45			48	49																															*53:14
				45			48																																*53:16, 53:24
				45																																			*53:17:01
				45																																			*53:17:02
				45			48																									73							*53:19
				45			48																																*53:21
				45			48										58																						*53:22
				45			48																																*53:23
				45			48							55																									*53:26
				45																																			*53:28
					46																																		*54:01:01, 54:01:03, 54:03, 54:05N, 54:07-54:08N, 54:13, 54:17-54:19, 54:21-54:22, 54:24-54:25, 54:27, 55:02:01-55:02:06, 55:07, 55:12, 55:16, 55:19, 55:30, 55:34, 55:39, 55:42-55:43, 55:47-55:48, 55:50, 56:01:01-56:01:03, 56:08, 56:10, 56:14, 56:16-56:17, 56:19N, 56:24, 56:26, 56:28N, 56:33-56:34
					46																																		*54:01:02
					46																																		*54:04, 56:15
					46																																		*54:09, 56:18, 56:31
					46																																		*54:10, 55:37
					46																										72								*54:11
					46																																		*54:12, 56:07

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100	Length of spec.
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375				PCR product(s)
	190		300												235		200			265																			
	250																																						
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
																																							*54:14, 55:23
					46																																		*54:15
					46																																		*54:16, 55:46
					46																																		*54:20, 55:01:01-55:01:07, 55:01:09, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:33, 55:36, 55:38, 55:40, 55:44-55:45, 55:52-55:53, 55:55N, 56:25
					46																																		*54:26, 55:22
					46																										72								*55:04, 55:49
					46																										72								*55:08
					46																																		*55:09, 55:24
					46																																		*55:13, 56:22
					46																																		*55:14
					46																																		*55:17, 55:28
					46																																		*55:21
					46																							69											*55:26
					46																																		*55:27
					46																																		*55:32
					46																																		*55:35
					46																																		*55:41
					46																																		*55:51
					46																																		*55:54, 56:27, 56:30
					46	47																																	*55:56
					46																																		*56:01:04, 56:20:01
					46																																		*56:02
					46																																		*56:04
				45																																			*56:05:01-56:05:02
					46																																		*56:06
					46																																		*56:09
					46																																		*56:11
					46																																		*56:12
					46	47																																	*56:13
					46																										72								*56:20:02
				45																																			*56:21
					46															61																			*56:29
					46																																		*56:32
				45	46																																		*56:36
					46																																		*57:01:01-57:01:04, 57:01:06, 57:01:08-57:01:10, 57:01:12-57:01:13, 57:06, 57:08, 57:10, 57:15-57:16, 57:18, 57:20, 57:23, 57:27, 57:29, 57:34-57:38, 57:41, 57:43-57:44, 57:49-57:56
					46																																		*57:01:05, 57:31, 57:47
					46																										72								*57:01:07
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	Well No.
																																							*57:01:11
					46																																		*57:02:01-57:02:02, 57:28N, 57:42
					46																																		*57:03:01-57:03:02, 57:17, 57:39, 57:46
					46																																		*57:04
					46																																		*57:05
					46																																		*57:07
					46																																		*57:09, 57:57
					46																																		*57:11
					46																																		*57:12
					46																										72								*57:13
					46																																		*57:14
					46																																		*57:19, 57:30
					46													59																					*57:21
					46																																		*57:22
					46												58																						*57:24
					46																																		*57:25
					46																																		*57:26
					46																																		*57:33, 57:40, 57:48
					46																																		*57:45
					46																																		*57:58
				45																																			*58:01:01-58:01:02, 58:01:04, 58:01:06-58:01:09, 58:04, 58:13-58:15, 58:21, 58:23-58:24, 58:29, 58:31N-58:33, 58:36
				45																																			*58:01:03, 58:02, 58:25-58:26
				45																																			*58:01:05
																																							*58:01:10-58:01:11
				45																																			*58:05
				45																																			*58:06
				45																																			*58:07
				45																																			*58:08:02
				45																																			*58:09
				45																																			*58:10N
					46																																		*58:11

				45																																				*58:12
				45																																				*58:16
				45																																				*58:18
				45																																				*58:19
					46																																			*58:20
				45																																				*58:22
				45																											72									*58:27
				45																																				*58:28
				45																																				*58:30
				45																																				*58:34
				45																																				*58:35
				45																																				*58:37
					46																																			*59:02
					46																																			*59:03
					46																										72									*67:03
																																								*73:01-73:02
				45			48																																	*78:01:01-78:01:02, 78:07
				45			48																																	*78:02:01-78:02:02
41				45																																				*78:03
				45			48																																	*78:04
				45																																				*78:05
				45																														75						*78:06
					46																										72									*81:01
					46																										72									*81:02
				45																											72									*81:03
					46																										72									*81:04N-81:05
					46	47																																		*82:01-82:02
					46	47																																		*82:03
				?	?																																			*83:01
																																								*A*01:41*
																																								*A*02:211:01, A*33:40, C*01:06, C*04:113, C*05:12, C*16:43*
																																								*A*26:68, A*68:56, C*06:20, C*12:50*
																																								*C*01:10, C*02:02:14, C*07:15, C*07:207*
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79		**Well No.**
105	115	205	110	165	165	160	390	385	180	65	220	135	160	300	140	150	110	75	90	110	140	60	90	220	90	105	80	95	135	120	220	205	160	90	220	385	310	100		**Length of spec.**
130	155	255	145							160	250	220	190		215	185	160	150	135	175	260		245		115	200	100	325		160				135	375					**PCR product(s)**
	190		300												235		200			265																				
	250																																							
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79		**Well No.**
																																								*C*01:49-01:50, C*03:28, C*03:49, C*03:117, C*04:80, C*04:100, C*05:10, C*15:08*
																																								*C*01:71, C*02:02:19, C*02:23, C*02:36, C*07:01:24, C*07:178, C*07:182, C*15:02:05, 15:06:03*
																																								*C*01:73, C*07:02:30, C*08:16:02*
																																								*C*02:03, C*04:34, C*04:122, C*07:95, C*08:39, C*15:57*
																																								*C*02:56*
																																								*C*02:58, C*03:05, C*03:25, C*03:27, C*03:135*
																																								*C*03:40:03*
																																								*C*03:90, C*03:103*
																																								*C*03:102*
																																								*C*04:110*
																	58			61																				*C*05:30*
																						63																		*C*06:21*
						w																																		*C*07:04:01-07:04:08, C*07:11-07:12, C*07:45, C*07:101, C*07:139, C*07:142, C*07:181, C*07:199:01-07:199:02*
						w																																		*C*07:63*
																																								*C*07:123, C*07:173*
																																								*C*15:09, C*15:19, C*15:27, C*15:61, C*16:20*
																																								*C*15:39*
																																								*C*15:51*
																					62																			*C*15:56*
																																								HLA-B allele[2,3]
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79		**Well No.**