

INTERPRETATION TABLE																																		
HLA-B low resolution SSP																																		
Amplification patterns of the B*07:02 to B*83:01 alleles																																		
	Well <sup>5</sup>																																	
	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		
Length of spec.	110	215	140	130	185	190	290	165	390	180	105	280	195	105	115	80	150	135	60	210	170	110	395	160	180	290	105	325	115	115	130	130	90	
PCR product(s)			235	265	235			330	220		195			435	395	150			400	245				425		465	290	105		160	115	215	130	410
Length of int. pos. control <sup>1</sup>	800	1070	1070	800	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	800	800	1070	1070	1070	1070	1070	1070	800	1070	800	800	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		
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		
HLA-B allele <sup>2</sup>	ser. <sup>3</sup>																																	
*07:02:01-07:02:31, 07:02:33-07:02:37, 07:05:01-07:06, 07:10, 07:13, 07:15, 07:21-07:23, 07:26, 07:29-07:30, 07:35, 07:39, 07:41-07:42, 07:44-07:46, 07:49N, 07:52, 07:55-07:56:02, 07:58-07:59, 07:61-07:64, 07:66-07:67N, 07:70-07:72, 07:74, 07:76, 07:79-07:80, 07:82-07:83, 07:86-07:99, 07:101-07:114, 07:116-07:121, 07:124-07:130, 07:132, 07:135N-07:136, 07:138, 07:140-07:145, 07:147-07:148, 07:150-07:154, 07:156-07:161N, 07:166-07:173, 07:175-07:176	B7, Null, -	1																						24				28						
*07:02:32	-	1			5																			24				28						
*07:03, 07:08, 07:16, 07:32, 07:37	B703, -	1																					24											
*07:04, 07:25, 07:146	B7, -	1											14										24			27	28							
*07:07, 07:77	B7, -	1																					24				28							
*07:09, 07:17	B7	1										12											24				28							
*07:11	B7	1										12											24				28							
*07:12, 07:14, 07:18-01-07:18:02, 07:137, 07:163	B7, -	1																					24				28							
*07:19	-																						24				28							
*07:20, 07:24, 07:131	B7, -	1	3																				24				28							
*07:27	-	1									11										20													
*07:28	-	1				6																	24				28							
*07:31, 07:34, 07:43	B7, B42, -	1																					24				28							
*07:33, 07:40, 07:53, 07:122, 07:139, 07:165	B7, -																						24				28							
*07:36, 07:81, 07:149	-	1																										28						
*07:38	-	1																																
*07:47	-	1																						24				w						
*07:48, 07:51, 07:155, 07:164	-																						24				28							
*07:50	-	1									11													24										
*07:54, 07:123	-	1																						24				28						
*07:57, 07:75	B7, -	1																						24				28						
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		





























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	
*46:33	-							7					12					17									26		28			31		
*47:01:01:01-47:01:02, 47:06-47:08	B47, -				4																						26						32	
*47:02	B47				4																						26						32	
*47:03	B47				4																						26						32	
*47:04-47:05	-				4	5																					26							
*48:01:01-48:01:03, 48:07, 48:09, 48:11, 48:19-48:20, 48:22, 48:27	B48, -											11													24									
*48:02:01-48:02:03, 48:25	B48, -											11	12					17							24									
*48:03:01-48:03:02	B48											11													24	25								
*48:04, 48:24	B48, -											11													24									
*48:05, 48:08	B48, -	1										11													24									
*48:06	-																								24									
*48:10	B48											11													24									
*48:12	-											11													24									
*48:13	-											11													24									
*48:14	-											11	12												24									
*48:15	-	1										11													24									
*48:16	-											11													24									
*48:17	B48, 40											11													24	25								
*48:18	-											11													24									
*48:21, 48:26	-					5						11													24									
*48:23	-											11	12												24	25								
*48:28	-											11					15								24									
*49:01:01, 49:01:03- 49:01:04, 49:06, 49:08- 49:10, 49:12-49:17, 49:19N, 49:22-49:24	B49(21), Null, -				4																													
*49:01:02, 49:11	B49(21), -				4																													
*49:02	B49(21)				4																													
*49:03	-																																	
*49:04	-				4								12																					
*49:05	B49(21)				4								12																					
*49:07	-				4						10																							
*49:18	-				4																													
*49:20	-				4							11																						
*49:21	-				4																													
*49:25	-		2																															
*50:01:01-50:01:03, 50:04- 50:05, 50:08, 50:10-50:11, 50:13, 50:16, 50:18-50:19	B50(21), -				4																				24									
*50:02	B45(12)				4							11													24									
*50:06	-				4																				24									
*50:07	-																								24									
*50:09	-				4																				24									
*50:12	-				4																				24									
*50:14	-				4																				24									
*50:15	-				4																				24									
*50:17	-				4														17						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	
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	



















































*58:08:01	B17																															30		
*58:08:02	-																																	
*58:09	-								12									17														31		
*58:17N	Null								12									17																
*58:18	-			3					12																									
*58:20	-																				21													
*58:27	-																																	
*58:28	-																																	
*58:34	-																																	
*58:36	-								12																									
*59:01:01:01-59:01:01:02, 59:05	B59, -																																	
*59:02	B59																																	
*59:03	-																																	
*59:04	-																																	
*67:01:01	B67						5														21		24								28			
*67:01:02	B67																					21		24							28			
*67:02	-																					21		24							28			
*67:03	-						5															21		24							28			
*73:01-73:02	B73, -																																	
*78:01:01-78:01:02, 78:07	B78, -																																	
*78:02:01, 78:04	B78, -																																	
*78:02:02	B78																																	
*78:03	-																																	
*78:05	-																																	
*78:06	-																																	
*81:01	B81																														28	32		
*81:02	B81																														24	28		
*81:03-81:05	Null, -																															28		
*82:01, 82:03	B82, -							8		11																					28	32		
*82:02	-							8		11																					28	32		
*83:01	-																														17	28	29	32
A*23:31, A*24:106, C*07:231, C*16:10 A*24:02:37 A*24:146 A*24:174								6																										
A*26:68, A*68:56, C*02:56, C*06:20, C*12:50 C*01:30 C*01:73 C*02:06, C*02:47 C*02:23, C*04:77 C*02:60																																		
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	
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	
C*03:05, C*03:25, C*03:27, C*03:143 C*03:12, C*03:19 C*03:102 C*03:129 C*05:30 C*06:72 C*07:02:30, C*08:16:02 C*07:46 C*08:51 C*15:02:04 C*15:25 C*15:39 C*15:51																																		
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	

**INTERPRETATION TABLE**

**HLA-B low resolution SSP**

**Amplification patterns of the B\*07:02 to B\*83:01 alleles**

Well <sup>5</sup>																																		Neg. Control	Length of spec. PCR product(s)															
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64																			
175	90	430	145	210	120	430	145	300	160	330	160	210	180	180	90	240	90	95	115	150	115	360	350	285	165	190	260	390	380	160	125	235	550	640	90	455	105	90	180	150	120	435	95							
1070	1070	800	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	800	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	800	800	1070	1070	800	800	1070	1070									
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64																			
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64																			
																																		ser. <sup>3</sup>	Well No.															
																																			HLA-B allele <sup>2</sup>															
															47	48																55																B7, Null, -	*07:02:01-07:02:31, 07:02:33-07:02:37, 07:05:01 07:06, 07:10, 07:13, 07:15, 07:21-07:23, 07:26, 07:29- 07:30, 07:35, 07:39, 07:41- 07:42, 07:44-07:46, 07:49N, 07:52, 07:55-07:56:02, 07:58-07:59, 07:61-07:64, 07:66-07:67N, 07:70-07:72, 07:74, 07:76, 07:79-07:80, 07:82-07:83, 07:86-07:99, 07:101-07:114, 07:116- 07:121, 07:124-07:130, 07:132, 07:135N-07:136, 07:138, 07:140-07:145, 07:147-07:148, 07:150- 07:154, 07:156-07:161N, 07:166-07:173, 07:175- 07:176	
															47	48																55																-	*07:02:32	
															47	48																55																B703, -	*07:03, 07:08, 07:16, 07:32, 07:37	
															47	48																55	56																B7, -	*07:04, 07:25, 07:146
															47																															B7, -	*07:07, 07:77			
															47	48																55																B7	*07:09, 07:17	
															47	48																55																61	B7	*07:11
															47	48																															B7, -	*07:12, 07:14, 07:18:01- 07:18:02, 07:137, 07:163		
															47																56	57																-	*07:19	
															47	48																															B7, -	*07:20, 07:24, 07:131		
															46	48																55																-	*07:27	
															47	48																55																-	*07:28	
															47	48																															57	B7, B42, -	*07:31, 07:34, 07:43	
															47																55																B7, -	*07:33, 07:40, 07:53, 07:122, 07:139, 07:165		
															46	48																55																-	*07:36, 07:81, 07:149	
															46	48																55																-	*07:38	
															47	48																55																-	*07:47	
															47	48																55																-	*07:48, 07:51, 07:155, 07:164	
															47	48																55																-	*07:50	
															38																55																-	*07:54, 07:123		
															47	48																55																61	B7, -	*07:57, 07:75
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64																			
																																			Well No.															

























			38						46					54							B40, -	*40:47, 40:188											
			37 38			43			47												B60(40)	*40:48											
			37 38						47					55		58					B61(40)	*40:50											
			37 38						47				50								-	*40:51											
			37 38						47												B61(40), -	*40:53, 40:72:02											
			37 38	40					47							55					-	*40:58											
			37 38						47 48												-	*40:59											
			37 38						47												-	*40:60											
			37						47												-	*40:68											
			37 38			41	43		47				?								-	*40:71											
			37 38						47												-	*40:74, 40:149, 40:210											
			38																		-	*40:76											
			37 38						47												-	*40:77											
			37 38						47												-	*40:83, 40:177											
			37 38						47												-	*40:87:01-40:87:02											
			38						47												-	*40:93											
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.	
		35	37	38									47											59						63	-	*40:95	
			38										46								54										-	*40:96	
			37 38										47 48									55									-	*40:98	
			37 38										47									55									-	*40:105	
			37										47																		-	*40:106	
			34	36	38								46				52				54										-	*40:109	
			38										46								54										-	*40:110	
			37 38										47			50															-	*40:113, 40:163	
			34	36	38								46					52			54										-	*40:117	
			37 38										47																		63	-	*40:121
			37 38										47								54										-	*40:132, 40:178	
			37 38										47																		-	*40:136	
			38										47 48																		-	*40:137	
			37 38										47																		-	*40:138	
			35	37 38									47																		-	*40:148, 40:161	
			38										46								54 55									-	*40:157, 40:201		
			37 38										47																		63	-	*40:158
			37 38										47																		-	*40:159	
			37 38										47																		-	*40:162	
			37 38										47									55									-	*40:164, 40:219	
			37										47												58						-	*40:166	
			37 38										47																		-	*40:170	
			37 38										47																		-	*40:174	
			37 38										47																		-	*40:183, 40:198	
			37 38										47																		63	-	*40:184
			38										47														60				-	*40:185	
			38										47																		-	*40:208	
			38										47									55					60				-	*40:209	
			37 38										47																		-	*40:215	
			37 38										47									55									-	*40:220	
			37 38										47																		63	-	*40:222
			37 38										47																			B41, -	*41:01, 41:06-41:07, 41:12, 41:14, 41:16-41:17, 41:20-41:22, 41:25
			37 38										47 48																			B41, -	*41:02:01-41:02:04, 41:11, 41:13, 41:23
			37 38										47																			B41, -	*41:03:01-41:03:02, 41:15
			37 38										47 48																		-	*41:04, 41:10, 41:18	
			? 38										47																		-	*41:05	
			37 38										47																		-	*41:08	
			37 38										47																		-	*41:09	
			37 38										47 48									55									-	*41:19	
			37 38										47 48																		63	-	*41:24

Negative Control





33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.
														47																63	-	*46:33	
					38								46								54										B47, -	*47:01:01-01:47:01:02, 47:06-47:08	
					37 38									47																	B47	*47:02	
					w 38								46 w								54									B47	*47:03		
					38								46								54										-	*47:04-47:05	
33					38									47 48							55									B48, -	*48:01:01-48:01:03, 48:07, 48:09, 48:11, 48:19-48:20, 48:22, 48:27		
					38									47																63	B48, -	*48:02:01-48:02:03, 48:25	
					38									47																	B48	*48:03:01-48:03:02	
33					38									47							55									B48, -	*48:04, 48:24		
					38									47 48							55									B48, -	*48:05, 48:08		
33					38									47 48							55									-	*48:06		
					38									47 48							55									B48	*48:10		
					38									47 48							55									63	-	*48:12	
					38									47							55										-	*48:13	
					38									47 48							55									63	-	*48:14	
33					38									47 48							55										-	*48:15	
33					38									47 48							55										-	*48:16	
					38									47 48																	B48, 40	*48:17	
33					38								46	48				52			55										-	*48:18	
					38									47																		-	*48:21, 48:26
					38									47																		-	*48:23
33					38									47 48							55											-	*48:28
		34 35			38			41					46								54										B49(21), Null, -	*49:01:01, 49:01:03- 49:01:04, 49:06, 49:08- 49:10, 49:12-49:17, 49:19N, 49:22-49:24	
		34			38			41					46								54										B49(21), -	*49:01:02, 49:11	
		35			38			41					46								54									B49(21)	*49:02		
		35			38			41					46														60				-	*49:03	
		34 35			38								46								54									63	-	*49:04	
		34 35			38								46								54										B49(21)	*49:05	
		34 35			38								46								54										-	*49:07	
		34 35			38								46			49		52			54					59					-	*49:18	
		34 35			38			41					46								54										-	*49:20	
		34 35			38			41					46								54										-	*49:21	
		34 35			38			41					46								54										-	*49:25	
		35		37 38				41						47																	B50(21), -	*50:01:01-50:01:03, 50:04- 50:05, 50:08, 50:10-50:11, 50:13, 50:16, 50:18-50:19	
		35		37 38				41						47							54										B45(12)	*50:02	
		35		38				41						47																	-	*50:06	
		35		37 38				41						47																	-	*50:07	
		35		37 38										47																	-	*50:09	
				37 38				41						47																	-	*50:12	
		35		37 38										47		49											59				-	*50:14	
		35		37				41						47																	-	*50:15	
				37 38				41						47																	-	*50:17	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.

Negative Control



		35	36			41		44		46		49	51											63	-		*51:106								
	34	35	36							46		49	51	52		54								63	-		*51:112								
			36					44		46		49	50	51										63	-		*51:135								
			36					44		46			51	52												-		*51:148							
		35	36		38					46		49		52										59	60	63	B52(5), -	*52:01:01-52:01:01:02, 52:01:03, 52:01:06- 52:01:08, 52:01:11- 52:01:12, 52:01:14, 52:01:16, 52:04-52:05, 52:07-52:08, 52:10:01- 52:11, 52:13, 52:15, 52:17,							
		35	36		38					46		49		52										59	60	63	B52(5), -	*52:01:02, 52:01:04, 52:01:09, 52:03, 52:09							
		35	36		38					46				52											60	63	B52(5), -	*52:01:05, 52:01:15							
		35	36		38					46		49		52										59	60	63	-	*52:01:10							
		35	36		38					46		49		52										59		63	-	*52:01:13, 52:22-52:23							
		35	36		38					46		49		52										59		63	-	*52:02							
		35	36		38					46		49		51	52											63	-	*52:06:01-52:06:02							
		35	36		38					46		49												59	60	63	-	*52:12							
		35	36		38					46														60		63	-	*52:14							
		35	36		38					46		49		52										59		63	-	*52:16							
		35	36		38					46		49		52										60		63	-	*52:18							
		35	36		38					46		49		52										59	60	63	-	*52:19							
		35			38					46		49												59	60	63	-	*52:20							
		35	36		38				45	46		49		52										59	60	63	-	*52:21							
		35	36		38		41			46														60		63	-	*52:25							
		35	36		38					46		49												59	60		-	*52:26							
			36						44	46				51												63	B53, -	*53:01:01-53:01:07, 53:05, 53:08:01-53:08:02, 53:10, 53:16, 53:18, 53:20-53:21, 53:23-53:27, 53:29							
			36						44	46				51												63	-	*53:02							
									44	46				51												63	B53, -	*53:03, 53:11-53:13							
			36						44	46				51												63	-	*53:04							
			36						44	46				51												63	-	*53:06							
			36						44	46				51												63	B53	*53:07							
									44	46														60		63	-	*53:09							
			36						44	46				51												63	-	*53:14							
			36						44	46	48			51												63	-	*53:15							
			36		38					46														60		63	-	*53:17:01-53:17:02							
			36						44	46				51	52											63	-	*53:19							
			36						44	46				51		54										63	-	*53:22							
			36		38					46		49												59	60	63	-	*53:28							
								39	40					47												63	B54(22), Null, -	*54:01:01, 54:01:03, 54:07- 54:08N, 54:10, 54:13, 54:16- 54:19, 54:21-54:25, 54:27- 54:28							
								40						47												63	-	*54:01:02							
								39	40					47												63	B54(22), Null	*54:02, 54:05N							
								39	41					47												63	-	*54:03							
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64			Well No.	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64			Well No.	
						39								47																				-	*54:04
						39						45		47																			-	*54:06	
						39								47																			-	*54:09, 54:14	
						39								47																		B54(22)	*54:11		
		34				39	40						46																			-	*54:12		
						39								47																		-	*54:15		
		35				39	40							47																		-	*54:20		
						39								47																		-	*54:26		

35		40			47					57			63	B55(22), B22, Null, -	*55:01:01-55:01:06, 55:01:08-55:01:10, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:44-55:45, 55:52-																		
		40			47					57			63	B55(22), B22, -	*55:01:07, 55:02:01- 55:02:06, 55:10, 55:12, 55:16, 55:19, 55:26, 55:30, 55:37, 55:39, 55:42-55:43, 55:47-55:48, 55:50, 55:57																		
					47					57				B55(22), -	*55:04, 55:49																		
		40			47								63	B54(22), -	*55:07, 55:35																		
					47									B56(22)	*55:08																		
35					47								63	B22, -	*55:09, 55:24																		
					47					57		62	63	-	*55:13																		
				42	47					57			63	-	*55:14																		
35					47					57			63	-	*55:17, 55:28																		
	38	40			47					57			63	-	*55:18																		
					47					56	57			-	*55:20																		
w		40			45	47				57			63	-	*55:21																		
					47								63	B55(22)	*55:22																		
					47					57			63	-	*55:23, 55:32, 56:18, 56:32																		
					47					57			63	-	*55:27, 55:46																		
	38	40			47					57			63	-	*55:34																		
35	38	40			47					57			63	-	*55:40																		
		40			47					57				-	*55:41																		
					47									-	*55:51																		
		40			47					56	57		63	-	*55:56																		
				41		47							63	B56(22), Null, -	*56:01:01-56:01:03, 56:08, 56:14, 56:16, 56:24, 56:26- 56:30, 56:34-56:36, 56:38N																		
				41		47								B56(22), -	*56:01:04, 56:20:01																		
				41	43	47							63	B56(22)	*56:02, 56:04																		
					45	47							63	B22	*56:03																		
35		40			47	49				58			63	B56(22)	*56:05:01																		
35					47	49							63	B56(22)	*56:05:02																		
35		40		w	47	49				58			63	B78	*56:06																		
				41		46							63	B56(22)	*56:07																		
					47								63	-	*56:09																		
		40		43	47					57			63	B55(22)	*56:10																		
					47							62	63	B56(22)	*56:11																		
					47					57			63	B55(22)	*56:12																		
				41	47					56			63	B56(22)	*56:13																		
					47								63	B56(22), Null	*56:15, 56:19N																		
				41	47								63	-	*56:17, 56:33																		
				41	47									-	*56:20:02																		
34	35				46	49	52						63	-	*56:21																		
					47								62	63	-	*56:22																	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.
					40									47										57							63	-	*56:23
35					41									47																	63	-	*56:25, 56:37
														47		50								57							63	-	*56:31
36					42									46																	63	B57(17), -	*57:01:01-57:01:04, 57:01:06-57:01:14, 57:06, 57:08, 57:10, 57:15-57:16, 57:18-57:20, 57:22-57:23, 57:25-57:27, 57:29-57:30, 57:33-57:38, 57:40, 57:43- 57:44, 57:48-57:50, 57:52- 57:56 57:58 57:60





33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.																				
																								52																									-	A*24:146		
																																																		-	A*24:174	
																										45																								-	A*26:68, A*68:56, C*02:56, C*06:20, C*12:50	
																																																		-	C*01:30, C*12:87	
																										w																								-	C*01:73	
																																																		-	C*02:06, C*02:47	
																																																		-	C*02:23, C*04:77	
																																																		-	C*02:60	
																																																		-	C*03:05, C*03:25, C*03:27, C*03:143, C*03:167	
																										41																								-	Cw3, - C*03:12, C*03:19	
																										41																								-	C*03:102	
																																																		-	C*03:129	
																																																		-	C*05:30	
																										42																								-	C*06:72	
																																																		-	C*07:02:30, C*08:16:02	
																																																		-	C*07:46	
																																																		-	C*08:51	
																										40																								-	C*15:02:04	
																																																		-	C*15:25	
																																																		-	C*15:39	
																																																		-	C*15:51	





					38		40															46										63	-	*13:06					
																							46									63	Null	*13:07N					
					38																		47									63	-	*13:09					
					38																		46									63	-	*13:10					
					38					43													46									63	-	*13:11					
					38																		46									63	B13, -	*13:12-13:13					
					38																		46									63	-	*13:14					
		35			38																		46									63	-	*13:16					
					38																		46									63	-	*13:21					
					38																		46									63	-	*13:26					
				w	38																		45 46									63	-	*13:31					
					38																		46									63	-	*13:34					
					38																		46									63	-	*13:35					
33																							46									63	-	*13:36					
					38																		47									61	63	-	*13:39				
					38																		45 46									63	-	*13:41					
					38																		46									63	-	*13:46					
		35			38					41													46									63	-	*13:48					
					38																		46									63	-	*13:51					
					38																		46									63	-	*13:53					
					38		40																46									60	63	-	*13:58				
																							47													B64(14), -	*14:01:01-14:01:02, 14:12, 14:14, 14:26, 14:32		
																							47													B65(14), B14, -	*14:02:01-14:02:02, 14:02:04, 14:02:07-14:04, 14:09, 14:11, 14:15-14:18, 14:20, 14:22, 14:25, 14:29, 14:31		
																							47													B65(14), -	*14:02:03, 14:02:06, 14:24, 14:28		
																							47													B65(14), -	*14:02:05, 14:30		
																							47													-	*14:05		
																							47	50												B14	*14:06:01-14:06:02		
																							47													Null, -	*14:07N, 14:19		
																							47	50												-	*14:08		
																							47													-	*14:10		
																							47										63			-	*14:13		
																							47											62		-	*14:21		
																							47											63		-	*14:23		
																							47													-	*14:27		
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64					Well No.			
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64					Well No.			
																																							*15:01:01:01-15:01:01:02N, 15:01:03, 15:01:06-15:01:16, 15:01:18, 15:01:20-15:01:29, 15:26N-15:27:03, 15:32, 15:34-15:35, 15:50, 15:56, 15:60, 15:70-15:71, 15:75, 15:79N, 15:81-15:82, 15:92, 15:94N, 15:96-15:97, 15:102, 15:104 15:105, 15:109-15:111N, 15:113, 15:117-15:118, 15:122, 15:125, 15:129, 15:140, 15:145-15:147, 15:152, 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-15:184, 15:187, 15:190N, 15:192-15:193, 15:201, 15:203, 15:205-15:206, 15:217, 15:225, 15:227-15:228, 15:231-15:232, 15:234,

Negative Control



				37	38						45	47										63	Negative	-	*15:53, 15:212											
				38							45	47										63		-	*15:54											
33												47										63		B15	*15:55											
											45	47										61		63	-	*15:57										
												47										63		-	*15:62											
												47										63		-	*15:64:01											
											45	47										63		-	*15:66											
											45	47										63		B35	*15:68											
												47										57		63	-	*15:69										
												47												-	*15:72											
								41	43		45	47										63		B62(15)	*15:73											
												47										63		-	*15:74											
w											45	47										63		-	*15:76											
											45	47												-	*15:77											
												47										63		B70	*15:80											
												47										63	-	*15:83												
											45	47										63	-	*15:85												
								40				47										63	-	*15:86												
33												46										63	-	*15:89												
												47										63	-	*15:91, 15:131												
												47										57	63	B71(70)	*15:93											
											45	47										63	-	*15:101												
												47											-	*15:106												
												47											-	*15:116												
												47										63	-	*15:124												
											45	47											-	*15:128, 15:211												
											45	47										61	63	-	*15:135											
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.				
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.				
		w		38								45	47																				-	*15:137		
				38									47																			63	-	*15:138		
				38								45	47																			63	-	*15:142		
				37								45	47																			63	-	*15:143		
33												45	47																			-	*15:144			
												47																					-	*15:150, 15:188, 15:248		
												45	47																			63	-	*15:154, 15:165		
													47																				-	*15:156		
													47																				-	*15:161		
												45	47																			-	*15:180			
													47																				-	*15:185		
													47																				-	*15:186		
33												45	47																			-	*15:189			
33													47																				-	*15:194		
												45	47																				60	63	-	*15:202, 15:239
												45	47																				-	*15:207		
												46																					-	*15:222		
33													47																				-	*15:223		
													47																				-	*15:224		
												46																					-	*15:230		
												45	47																			-	*15:233			
												45	47																			-	*15:236			
												45	47																			-	*15:241			
													47																				-	*15:243		
													47																				-	*15:243		
													47																				-	*15:252		
													47																				-	*15:253		









33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.				
													46											57					63		B38(16), B16, Null, -	*38:01:01-38:02:02, 38:09, 38:11-38:16, 38:18-38:19, 38:21, 38:23-38:24, 38:27- 38:29, 38:31-38:32, 38:34N, 38:38-38:40 *38:02:03					
													46											57					63		-	*38:03					
					38								46											57					63		B16	*38:04, 38:25					
					38								46											57					63		-	*38:05, 38:33					
											44		46																63		B38(16), -	*38:06					
											44		46																63		-	*38:07					
													46																63		-	*38:08					
													46											57					63		-	*38:10, 38:36-38:37					
													46											57					63		-	*38:17					
													46											57					63		-	*38:20					
													46											57					63		-	*38:22					
													46											57				62	63		-	*38:26					
													46																63		-	*38:30					
													46											57					63		-	*38:35					
															47										57					63		Negative Control	*39:01:01:01-39:01:01:03, 39:01:03-39:01:05, 39:01:07 39:01:08, 39:01:10- 39:01:14, 39:03, 39:05:01- 39:06:02, 39:09, 39:11, 39:14-39:15, 39:24:01, 39:26-39:29, 39:31, 39:35, 39:37, 39:41, 39:44, 39:46, 39:51-39:57, 39:59-39:62, 39:64-39:67, 39:70-39:71.				
															47															63		B3901, Low B39, B39(16), -	*39:01:06, 39:38Q, 39:40:01N				
															47															63		B3901, -, Null	*39:01:09, 39:12, 39:45, 39:72				
															47										57					63		B3901, B39(16), -	*39:02:01, 39:08				
					38										47										57					63		B3902, B39(16)	*39:02:02, 39:13:01- 39:13:02, 39:23, 39:49				
					38										47										57					63		B3902, B39(16), -	*39:04				
															47										57					63		B39(16)	*39:07				
															47													62	63		B39(16), -	*39:10:01, 39:16, 39:20					
															47															63		-	*39:10:02				
							40								47																	-	*39:17				
										43					47																	-	*39:18				
												45			47																	-	*39:19:01				
											44				47																	B39(16)	*39:19:02				
											44				47																	B39(16)	*39:22				
					38										47																	-	*39:24:02				
															47																	B39(16), Null, -	*39:25N, 39:30, 39:34				
															47																	-	*39:32				
															47			50														-	*39:33, 39:47, 39:50, 39:74				
												45			47																	-	*39:36				
															47																	-	*39:39:01				
															47																	-	*39:39:02				
															47																	-	*39:42				
															47			50														-	*39:43				
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		Well No.				
															47			50							57										Well No.		
															47										57										-	*39:48	
															47										57											-	*39:58
							40								47										57	58				62	63				-	*39:63	
															47										57											-	*39:68
					37										47											58										-	*39:69















	35	36	38				46	49	52				59		63	-	*52:16																
	35	36	38				46	49	52				60		63	-	*52:18																
	35	36	38				46	49	52				59	60	63	-	*52:19																
	35		38				46	49					59	60	63	-	*52:20																
	35	36	38				45	46	49	52			59	60	63	-	*52:21																
	35	36	38				46	49	52				59		63	-	*52:22-52:23																
	35	36	38	41			46						60		63	-	*52:25																
	35	36	38				46	49					59	60		-	*52:26																
		36				44	46		51						63	B53, -	*53:01:01-53:01:07, 53:05, 53:08:01-53:08:02, 53:10, 53:16, 53:18, 53:20-53:21, 53:23-53:27																
		36				44	46		51						63	-	*53:02																
						44	46		51						63	B53, -	*53:03, 53:11-53:13																
		36				44	46		51						63	-	*53:04																
		36				44	46		51						63	-	*53:06																
		36				44	46		51						63	B53	*53:07																
						44	46						60		63	-	*53:09																
		36				44	46		51						63	-	*53:14																
		36				44	46	48	51						63	-	*53:15																
		36	38				46							60	63	-	*53:17:01-53:17:02																
		36				44	46		51	52					63	-	*53:19																
		36				44	46		51		54				63	-	*53:22																
		36	38				46	49					59	60	63	-	*53:28																
			39	40			47			53					63	Negative Control	B54(22), Null, -	*54:01:01, 54:01:03, 54:07- 54:08N, 54:10, 54:13, 54:16- 54:19, 54:21-54:25, 54:27															
			40				47			53					63		-	*54:01:02															
			39	40			47								63		B54(22), Null	*54:02, 54:05N															
			39	41			47			53					63		-	*54:03															
			39				47			53					63		-	*54:04															
			39			45	47			53					63		-	*54:06															
			39				47			53					63		-	*54:09, 54:14															
			39				47			53					63		B54(22)	*54:11															
	34		39	40			46			53					63		-	*54:12															
			39				47			53					63		-	*54:15															
	35		39	40			47			53					63		-	*54:20															
			39				47			53					63		-	*54:26															
	35		40				47						57		63		B55(22), B22, Null, -	*55:01:01-55:01:06, 55:01:08-55:01:09, 55:03, 55:05, 55:11, 55:15, 55:25, 55:29, 55:31, 55:33, 55:36, 55:38, 55:44-55:45, 55:52-															
			40				47						57		63		B55(22), B22, -	*55:01:07, 55:02:01- 55:02:06, 55:10, 55:12, 55:16, 55:19, 55:26, 55:30, 55:37, 55:39, 55:42-55:43, 55:47-55:48, 55:50															
			40				47						57		63	B55(22), -	*55:04, 55:49																
			40				47								63	B54(22), -	*55:07, 55:35																
							47								63	B56(22)	*55:08																
	35						47								63	B22, -	*55:09, 55:24																
							47						57		62	63	-	*55:13															
				42			47						57		63	-	*55:14																
	35						47						57		63	-	*55:17, 55:28																
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.	
			38	40									47											57						63	-	*55:18	
													47										56	57							63	-	*55:20
	w			40								45	47										57						63	-	*55:21		
													47																	63	B55(22)	*55:22	
													47											57						63	-	*55:23, 55:32, 56:18, 56:32 <sup>4</sup>	

					47						57			63	-	*55:27, 55:46																					
			38	40		47					57			63	-	*55:34																					
	35		38	40		47					57			63	-	*55:40																					
				40		47					57				-	*55:41																					
						47									-	*55:51																					
				40		47				56	57			63	-	*55:56																					
				41		47								63	B56(22), Null, -	*56:01:01-56:01:03, 56:08, 56:14, 56:16, 56:24, 56:26-56:30, 56:34-56:36																					
				41		47									B56(22), -	*56:01:04, 56:20:01																					
				41	43	47								63	B56(22)	*56:02, 56:04																					
						45	47							63	B22	*56:03																					
	35		40			47	49				58			63	B56(22)	*56:05:01																					
	35					47	49							63	B56(22)	*56:05:02																					
	35		40		w	47	49				58			63	B78	*56:06																					
				41		46								63	B56(22)	*56:07																					
						47								63	-	*56:09																					
			40		43	47					57			63	B55(22)	*56:10																					
						47								62	63	B56(22)	*56:11																				
						47					57			63	B55(22)	*56:12																					
				41		47				56				63	B56(22)	*56:13																					
						47								63	B56(22), Null	*56:15, 56:19N																					
				41		47								63	-	*56:17, 56:33																					
				41		47									-	*56:20:02																					
	34	35				46	49	52						63	-	*56:21																					
						47								62	63	-	*56:22																				
			40			47					57			63	-	*56:23																					
	35			41		47								63	-	*56:25																					
						47	50				57			63	-	*56:31																					
			36		42	46								63	B57(17), -	*57:01:01-57:01:04, 57:01:06-57:01:13, 57:06, 57:08, 57:10, 57:15-57:16, 57:18-57:20, 57:22-57:23, 57:25-57:27, 57:29-57:30, 57:33-57:38, 57:40, 57:43-57:44, 57:48-57:50, 57:52-57:56, 57:58																					
			36		42	46									B57(17), -	*57:01:05, 57:13, 57:31, 57:47																					
			36		42	46	52							63	B57(17), -	*57:02:01-57:03:02, 57:17, 57:39, 57:42, 57:46, 57:57																					
			36		42	46									B57(17)	*57:04																					
			36		42	46	52							63	-	*57:05																					
			36		42	46	52	54						63	-	*57:07																					
			36		42	46	52							63	-	*57:09																					
			36		42	46								63	-	*57:11, 57:21																					
				42		47								63	-	*57:12																					
			36		42	46								63	-	*57:14																					
			36		42	46								63	-	*57:24																					
			36		42	46								63	Null	*57:28N																					
<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>40</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>45</b>	<b>46</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>50</b>	<b>51</b>	<b>52</b>	<b>53</b>	<b>54</b>	<b>55</b>	<b>56</b>	<b>57</b>	<b>58</b>	<b>59</b>	<b>60</b>	<b>61</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>Well No.</b>					
<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>40</b>	<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>45</b>	<b>46</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>50</b>	<b>51</b>	<b>52</b>	<b>53</b>	<b>54</b>	<b>55</b>	<b>56</b>	<b>57</b>	<b>58</b>	<b>59</b>	<b>60</b>	<b>61</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>Well No.</b>					
			36				42						46																						-	*57:32	
			36				42						46																						-	*57:41	
	34	36											46			54		58																-	*57:45, 57:51		
			36						43				46																					63	B58(17), Null, -	*58:01:01-58:01:02, 58:01:04-58:01:11, 58:04-58:05, 58:10N-58:15, 58:19, 58:21-58:24, 58:29-58:33, 58:35, 58:37	
			36						43				46																							B58(17)	*58:01:03
			36						43				46																							B58(17), -	*58:02, 58:06, 58:16, 58:25-58:26
			36						43				46																							-	*58:07

Negative Control

