

INTERPRETATION TABLE

HLA-B*39 SSP subtyping

Amplification patterns of the B*39:01 to 39:83 alleles

	Well ¹²														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	230	170	200	65	105	170	120	180	230	105	160	175	95	85	145
PCR product(s)				145			165	405	310	165	185	205	385		190
				385			220			205					
Length of int.	800	1070	800	1070	800	800	1070	1070	800	800	1070	800	800	1070	800
pos. control ¹															
5'-primer(s) ²	355	142	142	246	246	142	363	106	357	206	419	44	246	264	97
	5'-CCC 3'	5'-TCT 3'	5'-TCT 3'	5'-gAA 3'	5'-gAA 3'	5'-TCT 3'	5'-AgC 3'	5'-CCA 3'	5'-Tgg 3'	5'-gAC 3'	5'-gTT 3'	5'-ggC 3'	5'-gAA 3'	5'-ACg 3'	5'-TCg 3'
	355		419	419	246		420	420	357	419		412		272	97
	5'-CTC 3'		5'-gTC 3'	5'-gTT 3'	5'-gAA 3'		5'-TTA 3'	5'-TTC 3'	5'-Agg 3'	5'-gTC 3'		5'-ATg 3'		5'-CTA 3'	5'-TCC 3'
							463	646							141
							5'-TgC 3'	5'-ACg 3'							5'-ATg 3'
															419
															5'-gTT 3'
3'-primer(s) ³	544	272	292	272	311	272	544	246	544	272	539	79	299	311	246
	5'-ggT 3'	5'-TgC 3'	5'-gTA 3'	5'-TgA 3'	5'-ggT 3'	5'-Tgg 3'	5'-ggT 3'	5'-TAT 3'	5'-ggT 3'	5'-TgC 3'	5'-TCC 3'	5'-gTA 3'	5'-TCA 3'	5'-ggT 3'	5'-TAT 3'
			292	344	311			559	839	544	539	544	344		563
			5'-gTA 3'	5'-ACg 3'	5'-ggT 3'			5'-CTC 3'	5'-ATA 3'	5'-ggT 3'	5'-TCC 3'	5'-ggT 3'	5'-ACg 3'		5'-CgA 3'
			292	524				916		583	564				
			5'-gTA 3'	5'-CAA 3'				5'-gAC 3'		5'-gTg 3'	5'-ACT 3'				
			583								565				
			5'-gTg 3'								5'-CAT 3'				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	230	170	200	65	105	170	120	180	230	105	160	175	95	85	145
PCR product(s)				145			165	405	310	165	185	205	385		190
				385			220			205					

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
HLA-B allele^{4,5}															
*39:01:01:01 , 39:01:01:03, 39:01:03 , 39:01:06- 39:01:08 , 39:01:10 -39:01:16, 39:65-39:67, 39:69, 39:71, 39:80-39:81	1	2			5										
*39:01:01:02L, 39:60 ⁷	1	2			5										
*39:01:04	1	2			5										
*39:01:05	1	2			5										
*39:01:09	1	2													
*39:02:01	1				5	6									
*39:02:02	1					6									
*39:03	1	2			5		7								
*39:04	1	2			5			8							
*39:05:01 -39:05:02	1	2	3		5										
*39:06:01-39:06:02		2			5				9						
*39:06:03		2							9						
*39:07	1	2	3		5					10		12			
*39:08	1		3		5	6					11				
*39:09	1	2			5										
*39:10:01 , 67:01:02-67:01:03 ⁶	1													14	
*39:10:02	1													14	
*39:11	1	2	3		5						11				
*39:12	1	2			5										15
*39:13:01 -39:13:02	1		3			6									
*39:14	1	2			5		7								
*39:15	1	2			5							12			
*39:16	1													14	
*39:17	1						7							14	
*39:18	1	2			5						11				
*39:19:01	1	2								10					
*39:19:02	1	2			5					10					
*39:20	1		3											14	
*39:22	1	2			5										
*39:23	1					6									
*39:24:01-39:24:02	1	2			5		7								
*39:25N, 39:44 ⁸	1	2			5										
*39:26	1	2		4	5										
*39:27	1	2			5								13		
*39:28	1	2			5										
*39:29	1	2			5		7					12			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	230	170	200	65	105	170	120	180	230	105	160	175	95	85	145
PCR product(s)				145			165	405	310	165	185	205	385		190
				385			220			205					

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*39:30		2			5										
*39:31	1	2			5										15
*39:32		2			5										
*39:33		2			5						11				
*39:34		2			5										
*39:35, 39:75 ⁹	1	2			5										
*39:36		2			5						11				
*39:37	1	2	3		5		7								
*39:38Q	1	2			5										15
*39:39:01	1				5	6									
*39:39:02	1					6									
*39:40:01N-39:40:02N	1	2			5						11				
*39:41, 39:77 ¹⁰	1	2			5										
*39:42		2			5										
*39:43		2	3		5						10				
*39:45	1	2			5										
*39:46	1	2			5			8							
*39:47		2			5			8							
*39:48	1	2			5										
*39:49	1		3			6						12			
*39:50		2			5			8							
*39:51	1	2		4	5									13	
*39:52	1				5										
*39:53	1	2			5						11				
*39:54	1				5										15
*39:55	1	2	3		5							12			
*39:56	1	2	3		5										
*39:57		2			5				9		11				
*39:58	1			4	5										
*39:59	1	2			5				9						
*39:61	1	2			5							12			
*39:62, 39:64¹¹		2			5				9						
*39:63	1														14
*39:68	1	2			5		7								
*39:70	1	2			5										
*39:72	1	2			5										
*39:73		2			5										
*39:74		2			5										
*39:76	1	2			5		7								
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	230	170	200	65	105	170	120	180	230	105	160	175	95	85	145
PCR product(s)				145			165	405	310	165	185	205	385		190
				385			220			205					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

*39:78	1	2			5										
*39:79	1	2			5										
*39:82		2			5										
*39:83									9						
*07:02:01-07:02:31, 07:02:33-07:04, 07:07, 07:09, 07:11-07:12, 07:14-07:15, 07:17-07:26, 07:28-07:31, 07:33:01-07:33:02, 07:35, 07:39, 07:41-07:49N, 07:51-07:52, 07:55-07:64, 07:66-07:68:03, 07:70-07:74, 07:76-07:77, 07:79, 07:82, 07:86-07:89, 07:92-07:96:02, 07:98-07:104, 07:106-07:111N, 07:113-07:122, 07:124-07:131, 07:133-07:136, 07:139, 07:141-07:148, 07:150-07:175, 07:177-07:179, 07:184-07:191, 07:193-07:198, 42:09, 42:16, 42:20														14	
*07:02:32					5									14	
*07:05:01-07:06, 07:34, 07:40, 07:53, 07:80, 07:90, 07:97, 07:105, 07:112, 07:137-07:138, 07:140, 07:176, 07:182N, 42:01:01-42:02, 42:05:01-42:08, 42:10, 42:12-42:15, 42:17-42:19, 81:02														14	
*07:08, 07:10, 07:36, 07:81, 07:83, 07:149, 07:192, 08:07, 08:14, 08:28, 08:37, 08:49, 08:74, 08:87, 08:89, 08:107, 08:111, 50:15															
*07:16, 07:37, 07:75, 07:91			3											14	
*07:27, 07:50			3		6										
*07:32, 08:01:01-08:02, 08:05, 08:08N, 08:11-08:13, 08:15-08:16, 08:18-08:22, 08:24-08:27, 08:29-08:36, 08:39-08:48, 08:50-08:53:02, 08:56:01-08:64, 08:66-08:73, 08:75-08:83, 08:85-08:86N, 08:88, 08:90-08:100, 08:102-08:106, 08:109															
*07:38			3												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	230	170	200	65	105	170	120	180	230	105	160	175	95	85	145
PCR product(s)				145			165	405	310	165	185	205	385		190
				385			220			205					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

*14:37		2			5										
*15:03:01-15:03:04, 15:47:01-15:47:02, 15:54, 15:62, 15:68, 15:91, 15:98, 15:103, 15:123, 15:127, 15:131-15:132, 15:151, 15:156, 15:158, 15:173, 15:210, 15:220, 15:235, 15:242, 15:251, 15:266, 15:274, 15:281-15:282, 37:01:01-37:07, 37:09-37:11, 37:13-37:20, 37:23-37:25, 37:27-37:36, 44:130, 44:156, 48:02:01, 48:02:03, 48:08, 48:17, 48:23, 48:25-48:26, 49:25			3		6										
*15:09, 15:252		2	3												
*15:10:01-15:10:02, 15:18:01-15:18:05, 15:23, 15:37, 15:51-15:52, 15:72, 15:80, 15:90, 15:93, 15:99, 15:108, 15:114-15:115, 15:119, 15:124, 15:134, 15:153, 15:161, 15:176, 15:197-15:198, 15:200, 15:221, 15:226N, 15:238, 15:263, 15:275		2	3												
*15:29, 35:25, 35:124-35:125, 35:142, 57:58, 58:12			3												
*15:38:01-15:38:02, 15:185, 18:04, 18:07:01-18:07:02, 18:29, 18:79-18:80, 35:21, 35:24:01-35:24:02, 35:188, 35:190, 51:37, 51:45, 53:02, 53:06, 53:28, 57:14, 58:09			3						10						
*15:49, 15:74, 37:21, 37:26			3												
*15:58, 15:73									11						
*15:61, 37:37					6										
*15:64:01-15:64:02, 18:10-18:11, 18:21, 18:35, 18:41, 18:56, 18:58, 37:08			3		6										
*15:69	1		3		6				10	12					
*15:133		2	3												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	230	170	200	65	105	170	120	180	230	105	160	175	95	85	145
PCR product(s)				145			165	405	310	165	185	205	385		190
				385			220			205					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*15:186	1	2	3							10		12			
*15:189					5			8							
*15:229		2	3												
*15:243		2	3												
*15:253			3		6										
*15:265										10					

INTERPRETATION TABLE																	
HLA-B*39 SSP subtyping																	
Amplification patterns of the B*39:01																	
Well ¹²																	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80	
220	180			215					235		205	180		135		230	
	205													190			
800	800	800	1070	800	800	800	800	1070	1070	800	800	1070	800	800	800	800	
360	44	142	44	246	363	355	246	103	-149	361	141	419	357	142	412	112	
	5'-CAC 3'	5'-ggC 3'	5'-TCT 3'	5'-ggC 3'	5'-gAA 3'	5'-Agg 3'	5'-CCT 3'	5'-gAA 3'	5'-CCT 3'	5'-ggg 3'	5'-AgT 3'	5'-ATT 3'	5'-gTT 3'	5'-Tgg 3'	5'-TCT 3'	5'-ATA 3'	5'-CCT 3'
368	407			368				103	419		419			385		355	
	5'-gTC 3'	5'-gg 3'		5'-gTC 3'				5'-CCT 3'	5'-gTT 3'		5'-gTT 3'			5'-ggT 3'		5'-TCA 3'	
419	503			486										527		362	
	5'-gTA 3'	5'-CCg 3'		5'-ACg 3'										5'-TgA 3'		5'-gAC 3'	
																365	
																733	
																5'-ATA 3'	
544	79	250	259	299	544	544	292	246	44	583	272	518	559	172	544	311	
	5'-ggT 3'	5'-gTA 3'	5'-CCg 3'	5'-gTT 3'	5'-TCA 3'	5'-ggT 3'	5'-ggT 3'	5'-gTC 3'	5'-TAT 3'	5'-CCg 3'	5'-gTg 3'	5'-TgT 3'	5'-CCC 3'	5'-CgT 3'	5'-CAT 3'	5'-ggC 3'	5'-ggT 3'
	544	259	259	544			292	246	527		563	559	559	236		544	
	5'-ggT 3'	5'-CTC 3'	5'-gTT 3'	5'-ggT 3'			5'-gTC 3'	5'-TAT 3'	5'-CCg 3'		5'-CgA 3'	5'-CAG 3'	5'-CTC 3'	5'-CCA 3'		5'-ggT 3'	
											583	564		280		774	
											5'-gTg 3'	5'-ACT 3'		5'-gTC 3'		5'-ggT 3'	
														544			
														5'-ggT 3'			
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80	
220	180			215					235		205	180		135		230	
	205													190			

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
			19		21		23	24								
			19		21		23	24	25							
			19		21			24								
			19	20	21		23	24								
			19		21											
		18			21		23	24								
		18			21											
			19				23	24								
			19		21		23									
			19		21			24								
			19				23	24					29			
			19										29			
			19		21			24								
		18			21			24								
16			19	20	21		23	24								
			19		21											
					21											
			19		21			24								
			19		21		23									
		18			21											
16			19				23	24								
			19		21		23	24								
16			19													
			19		21											
			19	20	21		23	24						30		
			19		21											
			19		21		23	24								
			19		21											
		18			21		23	24								
	17	18			21											
			19				23	24								32
	17		19		21		23	24								
			19		21		23	24								
			19	20	21		23	24								
			19				23	24								32
16			19				23	24								
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80
220	180			215					235		205	180		135		230
	205													190		

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
			19				23	24							31	
			19		21		23	24								
			19				23	24			27	28				
			19				23	24				28			31	
			19				23	24					29		31	
			19		21		23	24						30		
			19				23	24							31	
			19					24								
			19		21		23	24			27					
			19		21		23	24								
			19		21											
			19		21		23	24				28				
			19		21		23	24								32
			19		w		23	24								32
			19				23	24								
		18	19		21		23									
			19		21		23	24								
			19				23	24								
			19		21		23	24			27					
		18			21											
			19				23	24					29			
			19		21		23	24								
			19		21		23	24						30		
			19		21		23	24								
			19		21		23	24								
			19		21			24								
			19		21			24				28				
			19				23	24					29			
			19		21		23	24								
			19		21		23	24								
	17		19		21		23	24								
			19				23	24					29	30		
			19		21						27					
			19		21		23	24								
16			19		21		23	24								
			19		21		23									
			19		21		23									
			19		21		23									
			19			22	23	24								
			19				23	24				28				
			19				23									32
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80
220	180			215					235		205	180		135		230
	205													190		
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

					21		23									
			19				23	24								
			19				23	24	25						31	
			19										29			
			19													
			19				23	24								
			19												31	
			19													
			19													
			19													
			19													
			19													
			19													
			19													
			19													
			19													
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80
220	180			215					235		205	180		135		230
	205													190		
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

													29		31	
												28			31	
													29			
												27	29		31	
													29		31	
			19				23	24		26						
			19				23			26						
			19				23			26						
			19				23			26						
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80
220	180			215					235		205	180		135		230
	205													190		
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
							23			26						
			19				23	24								
			19				23								31	
			19					24		26						
			19							26						
			19							26						
			19				23			26						
			19				23			26						

			19					24								31
			19		21			24								
			19		21		w	24								
			19		21			24								
			19		21			24								
			19					24								32
			19					24								
			19			22		24								
			19		21		w	24								
			19		21			24								
			19					24			28					31
			19		21			24							30	
			19		21											
			19					24								
			19		21		23	24								
			?													31
																31
													29			31
			?													31
					21											
		18											29			31
		19											29			31
		18														31
		18														31
		19														
											27	28				31
																31
																31
16													29	30		
																31
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
165	80	155	385	100	220	230	85	185	150	265	180	140	245	65	175	80
220	180			215					235		205	180		135		230
	205													190		
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
														29		31

Well No.
HLA-B allele ^{4,5}
*39:01:01:01 , 39:01:01:03, 39:01:03 , 39:01:06- 39:01:08 , 39:01:10 -39:01:16, 39:65-39:67, 39:69, 39:71, 39:80-39:81
*39:01:01:02L, 39:60 ⁷
*39:01:04
*39:01:05
*39:01:09
*39:02:01
*39:02:02
*39:03
*39:04
*39:05:01 -39:05:02
*39:06:01-39:06:02
*39:06:03
*39:07
*39:08
*39:09
*39:10:01 , 67:01:02-67:01:03 ⁶
*39:10:02
*39:11
*39:12
*39:13:01 -39:13:02
*39:14
*39:15
*39:16
*39:17
*39:18
*39:19:01
*39:19:02
*39:20
*39:22
*39:23
*39:24:01-39:24:02
*39:25N, 39:44 ⁸
*39:26
*39:27
*39:28
*39:29
Well No.
Length of spec.
PCR product(s)

Well No.
*39:30
*39:31
*39:32
*39:33
*39:34
*39:35, 39:75⁹
*39:36
*39:37
*39:38Q
*39:39:01
*39:39:02
*39:40:01N-39:40:02N
*39:41, 39:77 ¹⁰
*39:42
*39:43
*39:45
*39:46
*39:47
*39:48
*39:49
*39:50
*39:51
*39:52
*39:53
*39:54
*39:55
*39:56
*39:57
*39:58
*39:59
*39:61
*39:62, 39:64¹¹
*39:63
*39:68
*39:70
*39:72
*39:73
*39:74
*39:76
Well No.
Length of spec.
PCR product(s)
Well No.

*39:78
*39:79
*39:82
*39:83
*07:02:01-07:02:31, 07:02:33-07:04, 07:07, 07:09, 07:11-07:12, 07:14-07:15, 07:17-07:26, 07:28-07:31, 07:33:01-07:33:02, 07:35, 07:39, 07:41-07:49N, 07:51-07:52, 07:55-07:64, 07:66-07:68:03, 07:70-07:74, 07:76-07:77, 07:79, 07:82, 07:86-07:89, 07:92-07:96:02, 07:98-07:104, 07:106-07:111N, 07:113-07:122, 07:124-07:131, 07:133-07:136, 07:139, 07:141-07:148, 07:150-07:175, 07:177-07:179, 07:184-07:191, 07:193-07:198, 42:09, 42:16, 42:20
*07:02:32
*07:05:01-07:06, 07:34, 07:40, 07:53, 07:80, 07:90, 07:97, 07:105, 07:112, 07:137-07:138, 07:140, 07:176, 07:182N, 42:01:01-42:02, 42:05:01-42:08, 42:10, 42:12-42:15, 42:17-42:19, 81:02
*07:08, 07:10, 07:36, 07:81, 07:83, 07:149, 07:192, 08:07, 08:14, 08:28, 08:37, 08:49, 08:74, 08:87, 08:89, 08:107, 08:111, 50:15
*07:16, 07:37, 07:75, 07:91
*07:27, 07:50
*07:32, 08:01:01-08:02, 08:05, 08:08N, 08:11-08:13, 08:15-08:16, 08:18-08:22, 08:24-08:27, 08:29-08:36, 08:39-08:48, 08:50-08:53:02, 08:56:01-08:64, 08:66-08:73, 08:75-08:83, 08:85-08:86N, 08:88, 08:90-08:100, 08:102-08:106, 08:109
*07:38
Well No.
Length of spec.
PCR product(s)
Well No.

*07:54, 07:65, 07:181N, 15:11:01-15:11:05, 15:76, 15:101, 15:143, 15:148, 15:152, 15:209N, 15:215, 15:255, 35:76, 44:90, 45:06, 54:06, 54:09, 55:14, 56:03, 56:09, 56:18, 56:32, 83:01
*07:69, 08:65
*07:78
*07:84
*07:85
*07:123, 40:61, 55:01:07, 55:04, 55:08, 55:49, 55:51, 56:01:05, 56:05:01-56:06, 56:10, 56:12, 56:15, 81:01, 81:03-81:04N, 81:06
*07:180
*07:183
*08:03, 08:23, 48:06
*08:04
*08:09, 08:84
Well No.
Length of spec.
PCR product(s)
Well No.
*08:10, 13:01:01-13:01:02, 13:01:04-13:01:06, 13:06-13:07N, 13:11-13:13, 13:17, 13:20-13:23, 13:25, 13:28-13:29, 13:36, 13:39, 13:43, 13:50, 13:52, 13:57, 13:60-13:64, 15:30, 15:86, 15:150, 15:188, 15:224, 27:07:01-27:07:03, 27:11, 27:20, 27:24, 27:27, 27:33, 27:43, 35:04:01-35:04:03, 35:09:01-35:09:03, 35:12:01-35:12:03, 35:18, 35:22, 35:31, 35:44, 35:87-35:88, 35:149, 35:201, 35:233, 40:01:01-40:01:07, 40:01:09-40:01:25, 40:01:27, 40:01:29-40:02:09, 40:02:11-40:02:17, 40:04-40:05, 40:07-40:08, 40:10:01-40:11:02, 40:13-40:16, 40:19, 40:21-40:23, 40:26-40:30, 40:34-40:35, 40:37-40:40, 40:43, 40:45-40:51, 40:54-40:58, 40:62-40:67, 40:69, 40:72:01-40:74, 40:76, 40:78-40:82, 40:84-40:85, 40:87:01-40:88, 40:91-40:92, 40:94, 40:97, 40:99-40:102, 40:104-40:105, 40:107-40:108, 40:111-40:119, 40:121-40:123, 40:125-40:126, 40:128, 40:130, 40:132, 40:147, 40:150

40:128-40:130, 40:132-40:147, 40:150-40:158, 40:160:01-40:160:02, 40:163-40:164, 40:168-40:171, 40:173-40:176, 40:178-40:179, 40:181-40:183, 40:185-40:186, 40:188-40:189, 40:191-40:229, 40:231, 40:233-40:240, 40:245-40:246, 41:02:01-41:03:02, 41:08, 41:11, 41:13, 41:15, 41:17, 41:19, 41:23-41:24, 41:27, 44:14, 44:31, 44:62, 44:77, 44:82, 44:166, 51:01:01-51:01:18, 51:01:20-51:01:30, 51:01:32-51:01:38, 51:01:40-51:02:02, 51:02:04-51:09:02, 51:11N-51:12, 51:14, 51:20, 51:23-51:24:04, 51:26-51:30, 51:32-51:33, 51:35, 51:38-51:41N, 51:43-51:44N, 51:46, 51:48-51:61:02, 51:64-51:81, 51:83-51:84, 51:86-51:89, 51:91, 51:95-51:96, 51:98N-51:100, 51:102-51:105, 51:107-51:115, 51:117-51:134, 51:136-51:142, 51:144-51:145, 51:147-51:152, 51:154, 52:01:01:01-52:01:10, 52:01:12-52:07, 52:09-52:11, 52:13, 52:15, 52:17-52:24, 52:28-52:31, 56:21, 57:02:01-57:03:02, 57:07, 57:09, 57:12, 57:17, 57:28N, 57:39, 57:42, 57:46, 57:57, 57:63, 58:08:01-58:08:02, 58:27-58:28, 78:01:01-78:02:02, 78:04-78:06, 81:05, C*02:68, C*15:24

Well No.
Length of spec.
PCR product(s)
Well No.
*08:17
*08:38, 08:101
*08:54, 37:12, 40:12, 40:149, 42:11, 48:01:01-48:01:04, 48:03:01-48:05, 48:09-48:15, 48:18-48:22, 48:24, 48:27-48:30, 52:16, 52:27
*08:55
*08:108
*08:110

*13:02:01-13:02:15, 13:09, 13:14, 13:16,
 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, 13:53-13:56N, 13:58-13:59,
 13:65-13:68, 13:70, 15:42, 15:83, 35:60,
 40:06:01:01-40:06:07, 40:53, 40:70,
 40:75, 40:83, 40:93, 40:95-40:96,
 40:103, 40:109-40:110, 40:127, 40:148,
 40:161-40:162, 40:165, 40:167, 40:177,
 40:190, 40:230, 40:244, 41:01, 41:05-
 41:07, 41:09, 41:12, 41:14, 41:16, 41:20,
 41:25-41:26, 41:28, 46:18, 51:10, 51:16,
 51:21, 51:31, 51:34, 51:36, 51:82, 51:93,
 51:143, 51:153, 52:08, 54:12, 54:24,
 55:18, 55:34, 55:47, 59:01:01:01-59:03,
 59:05-59:06, 78:07

*13:03, 13:48, 35:06, 35:59, 40:71,
 44:10, 45:14, 46:11, 51:15, 56:07-56:08,
 56:14, 56:33, 59:04

*13:08, 13:34-13:35, 13:46, 27:14, 27:81,
 40:44, 40:131, 40:159, 41:21, 45:08,
 45:10, 49:07, 50:31

*13:15

*13:18, 13:31, 13:41

*14:01:01-14:01:03, 14:07N, 14:12,
 14:19, 14:26, 14:32

*14:02:01-14:02:02, 14:02:04, 14:02:07-
 14:02:08, 14:03, 14:09, 14:11, 14:15-
 14:17, 14:20, 14:22-14:25, 14:27, 14:29-
 14:31, 14:33-14:35

*14:02:03, 14:02:06

*14:02:05

*14:02:09, 14:05-14:06:02

Well No.

Length of spec.

PCR product(s)

Well No.

*14:04

*14:08, 14:10

*14:13

*14:14

*14:18

*14:21

*14:28

*14:36

*14:37
*15:03:01-15:03:04, 15:47:01-15:47:02, 15:54, 15:62, 15:68, 15:91, 15:98, 15:103, 15:123, 15:127, 15:131-15:132, 15:151, 15:156, 15:158, 15:173, 15:210, 15:220, 15:235, 15:242, 15:251, 15:266, 15:274, 15:281-15:282, 37:01:01-37:07, 37:09-37:11, 37:13-37:20, 37:23-37:25, 37:27-37:36, 44:130, 44:156, 48:02:01, 48:02:03, 48:08, 48:17, 48:23, 48:25- 48:26, 49:25
*15:09, 15:252
*15:10:01-15:10:02, 15:18:01-15:18:05, 15:23, 15:37, 15:51-15:52, 15:72, 15:80, 15:90, 15:93, 15:99, 15:108, 15:114- 15:115, 15:119, 15:124, 15:134, 15:153, 15:161, 15:176, 15:197-15:198, 15:200, 15:221, 15:226N, 15:238, 15:263, 15:275
*15:29, 35:25, 35:124-35:125, 35:142, 57:58, 58:12
*15:38:01-15:38:02, 15:185, 18:04, 18:07:01-18:07:02, 18:29, 18:79-18:80, 35:21, 35:24:01-35:24:02, 35:188, 35:190, 51:37, 51:45, 53:02, 53:06, 53:28, 57:14, 58:09
*15:49, 15:74, 37:21, 37:26
*15:58, 15:73
*15:61, 37:37
*15:64:01-15:64:02, 18:10-18:11, 18:21, 18:35, 18:41, 18:56, 18:58, 37:08
*15:69
*15:133
Well No.
Length of spec.
PCR product(s)
Well No.
*15:186
*15:189
*15:229
*15:243
*15:253
*15:265

*18:01:01-18:03, 18:05-18:06, 18:08-18:09, 18:13-18:15, 18:17N-18:20, 18:22-18:25, 18:27-18:28, 18:30-18:32, 18:34, 18:36-18:40, 18:42-18:43, 18:45-18:55, 18:57, 18:59-18:60, 18:62-18:78, 18:81-18:91
*18:12
*18:26, 18:61, 48:16
*18:33
*18:44:01-18:44:02
*35:02:01-35:02:05, 35:81, 35:83, 35:95, 35:129N, 35:154, 35:157, 35:172, 35:182-35:184, 35:211, 35:220, 40:01:28, 51:01:19, 53:19
*35:03:01-35:03:05, 35:03:07-35:03:12, 35:13, 35:36, 35:38, 35:55-35:56, 35:70, 35:74-35:75, 35:84, 35:98, 35:106, 35:127-35:128, 35:136, 35:150-35:153, 35:155-35:156, 35:160, 35:163, 35:167, 35:169, 35:179, 35:181, 35:193, 35:195, 35:198, 35:204-35:205, 35:221, 35:223, 35:231, 53:04, 53:31, 58:34, C*15:15
*35:26
*35:35
*35:82, 35:135
*35:85
*35:96, C*15:39
*35:109, 51:92
*35:162
*38:01:01-38:01:02, 38:01:04-38:02:02, 38:02:04-38:02:05, 38:09, 38:11-38:12, 38:17-38:18, 38:21, 38:24, 38:27, 38:31, 38:34N-38:35, 38:38-38:40, 38:42-38:43
*38:01:03
*38:02:03, 38:05
Well No.
Length of spec.
PCR product(s)
Well No.
*38:03
*38:04, 38:25
*38:06
*38:07
*38:08

*38:10, 38:36
*38:13
*38:14
*38:15
*38:16, 38:28
*38:19
*38:20
*38:22
*38:23
*38:26
*38:29
*38:30
*38:32
*38:33
*38:37
*38:41
*40:25, 40:68, 40:106, 40:232
*40:36, 40:77
*40:86
*40:166
*40:184, 58:20, 67:02
*41:22
*42:04
*48:07
*48:31
*49:26
*51:13:01-51:13:02, 51:62, 51:106, 52:14, 52:25
*51:22, 78:03
*51:63, 51:97
*51:101
*51:116
Well No.
Length of spec.
PCR product(s)
Well No.
*54:01:01-54:02, 54:04-54:05N, 54:07- 54:08N, 54:11, 54:13, 54:17-54:19, 54:21-54:23, 54:25-54:30, 55:01:01- 55:01:06, 55:01:08-55:03, 55:05, 55:07, 55:10-55:13, 55:15-55:17, 55:19-55:20, 55:22, 55:24-55:26, 55:28-55:33, 55:35- 55:36, 55:38-55:40, 55:42-55:45, 55:48, 55:50, 55:53-55:54, 55:56-55:57, 55:59, 56:23

*54:03, 56:01:01-56:01:04, 56:01:06-56:02, 56:04, 56:13, 56:16-56:17, 56:20:01-56:20:02, 56:22, 56:24-56:30, 56:35-56:39, 56:41-56:42, 82:01-82:03
*54:10, 54:20, 55:09, 55:21, 55:37, 55:52
*54:14-54:16, 55:23, 55:27, 55:41, 55:46, 55:55N, 55:58
*56:11
*56:19N
*56:31
*56:34
*67:01:01
*67:03
*73:01-73:02
A*02:403, A*30:63
C*01:30
C*05:70
C*06:40
C*07:137:01-07:137:02
C*07:175
C*12:87
C*15:31
C*15:51
HLA-B allele⁴
Well No.