INTERPRETATION TABLE

HLA-B low resolution SSP

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

		Well																					
		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Length of spec.		285	215	140	130	185	190	290	165	165	180	105	195	105	115	80	150	135	60	210	170	110	395
PCR product(s)				235	265	235			220	190		195		395	150				245				
									330	390				435					400				
Length of int. pos. control[1]		800	1070	1070	800	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	800	1070	1070	800	800	1070	1070
5'-primer(s)[2]		355	97	209	103	103	103	45	45	45	420	206	142	45	161	167	355	206	45	142	409	246	44
		5'-TCA 3'	5'-TCg 3'	5'-ggC 3'	5'-CCg 3'	5'-CCT 3'	5'-CCg 3'	5'-ggA 3'	5'-ggA 3'	5'-ggA 3'	5'-TTA 3'	5'-AgA 3'	5'-TCT 3'	5'-ggA 3'	5'-Cgg 3'	5'-gCT 3'	5'-TCA 3'	5'-gAC 3'	5'-ggA 3'	5'-TCT 3'	5'-ggC 3'	5'-gAA 3'	5'-ggC 3'
		363		363	103	363	418		357	435		420	419	540					368	368	420		
		5'-AgC 3'		5'-AgC 3'	5'-CCg 3'	5'-AAT 3'	5'-Agg 3'		5'-Tgg 3'	5'-AAA 3'		5'-TTA 3'	5'-gTC 3'	5'-gAC 3'					5'-gTT 3'	5'-gTC 3'	5'-TTA 3'		
				363	361				412										557				
				5'-AgC 3'	5'-AgT 3'				5'-ATA 3'										5'-ggA 3'				
3'-primer(s)[3]		603	272	309	193	246	246	165	206	266	559	272	301	272	234	204	463	302	259	311	544	317	272
		5'-gTg 3'	5'-Tgg 3'	5'-gTg 3'	5'-CgT 3'	5'-TAT 3'	5'-TAT 3'	5'-Tgg 3'	5'-CCT 3'	5'-TCC 3'	5'-CTC 3'	5'-Tgg 3'	5'-gTC 3'	5'-TgC 3'	5'-TCT 3'	5'-TCT 3'	5'-gCT 3'	5'-ggC 3'	5'-gTT 3'	5'-ggg 3'	5'-ggT 3'	5'-ggA 3'	5'-TgC 3'
		605	272	559	193	246	572		538	559		572	301	309	272				259	311			
		5'-gCT 3'	5'-TgA 3'	5'-CAg 3'	5'-CgT 3'	5'-TAT 3'	5'-gCC 3'		5'-gTC 3'	5'-CAg 3'		5'-gCg 3'	5'-gTC 3'	5'-ATC 3'	5'-TgA 3'				5'-gTT 3'	5'-ggg 3'			
					583	559				583			570	605	272				266	538			
					5'-gTg 3'	5'-CTC 3'				5'-gTg 3'			5'-CCg 3'	5'-gCT 3'	5'-Tgg 3'				5'-TCC 3'	5'-gTC 3'			
													572						272				
													5'-gCg 3'						5'-Tgg 3'				
																			292				
																			5'-gTA 3'				
																			572				
																			5'-gCg 3'				
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
HLA-B allele[4]	ser.[11]																						
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*07:03, 07:08, 07:16, 07:32, 07:37	B703, B7, –	22																					
*07:04, 07:25	B7	22												34									
*07:07, 07:19, 07:33, 07:40, 07:53, 07:77	B7, 42, –																						
*07:20, 07:24	B7, blank	22		24																			
*07:27	–	22										32								40			
*07:28	B7	22					27																
*07:36, 07:81	B7, –	22																					
*07:38	–	22																					
*07:47	B7	22																					
*07:50	–	22										32											
*07:54	B7	22																					
*07:60	–			24																			
*07:65	–	22																38					
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*07:78	–										31												
*07:84	–																						
*07:100	–			24																			
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
*08:02-08:03, 08:52	B8, –	22	23						29														

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*08:07, 08:14, 08:28, 08:37	B8, –	22	23																				
*08:09, 08:12:01-08:12:03, 08:16	B8		23						29														
*08:13, 08:20, 08:40	B8, –	22	23																				
*08:17, 08:54	–	22	23						29			32											
*08:21	B8	22	23	24					29														
*08:25	B8	22	23	24																			
*08:26, 08:50, 08:62, 42:07[5]	B8, –	22							29														
*08:32	B8	22	23						29									38					
*08:36	–	22	23						29														
*08:38	–	22	23						29														
*08:49	–	22	23														37			40			
*08:55	–	22	23																		41		
*08:60	–	22	23						29														
*08:65	–	22							29														43
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*13:04, 13:10, 13:21, 13:35	B49, B15, B13, –			24	25																		
*13:06	B13			24	25												37						
*13:07N	Null			24	25						31						37						
*13:09	–				25						31												
*13:12-13:13, 13:26	B13, –			24	25												37						
*13:14	B13			24							31												
*13:16	B13			24	25						31												
*13:31	–			24	25						31												
*13:36	–			24	25						31						37						
*13:39	–				25						31						37						
*14:01:01-14:01:02, 14:07N, 14:12, 14:14, 14:19	B64, –, Null				25	26																	43
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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*14:02:05	B65				25		27																43
*14:05-14:06:02, 14:13	B14, –						27																43
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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*15:04, 15:137	B62, –							28											39				
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*15:13	B77							28						34			37		39				
*15:16, 15:67, 15:95	B63									30				34					39				
*15:17:01:01-15:17:02, 15:162, 15:168, 15:177, 15:196, 15:208	B63, –							28		30				34					39				
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*15:29	B70								29										39				
*15:31	B75							28											39				
*15:36	–			w				28									37		39				
*15:42	B15							28											39				
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
*15:43	B15							28											39				
*15:46	–				25			28	29										39				
*15:53	–				25				29										39				
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*15:57	B62							28											39				
*15:62	–								29			32					37		39				
*15:64	B71								29			32							39				
*15:66	B62							28						34					39				
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*15:69	B72								29			32							39		41		
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*15:143	–							28	29										39				
*15:144	–							28									37		39				
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*18:04	B18														35			38					
*18:09	B18														35								
*18:12	B18														35			38					
*18:19	B18														35			38					
*18:22	B18														35		37	38					
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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*27:23	–					26										36							
*27:24	B27															36							
*27:25	B27															36							
*27:29	B27					26						32				36							
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*27:33	–															36							
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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*35:60	B35																	38					
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*38:03	B38					26						32									41	42	
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*38:05	B38						27														41	42	43
*38:06	B38																				41		
*38:07	B38					26															41		
*38:10	B38					26																42	43
*38:17	–					26							33							40	41	42	43
*38:20	–					26											37				41	42	43
*38:22	–					26										36						42	43
*38:26	–					26															41	42	
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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*40:93	–											32				36							
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*40:96	–																						
*40:98	–	22																					
*40:109	–																						
*40:110	–				25																		
*40:117	–				25																		
*40:132	–				25																		
*40:135	–				25																		
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*42:08	B42								29														
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*42:11	–	22							29			32											
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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*44:95	–				25												37						
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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*50:07	–																						
*50:09	–				25																		
*50:12	–				25																		
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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*51:54, 51:78	–									30													
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*51:68	–		23							30													
*51:101	–									30											41		
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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*54:04, 54:09, 54:14-54:15	B54,–																						
*54:06	–																						
*54:11	B54																						
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*55:20	B22								29														
*55:21	B55																						
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*55:35	–																						
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*56:01:01-56:02, 56:04, 56:08, 56:14, 56:16, 56:20, 56:24, 56:26-56:30	B56, Null, –																						
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*56:13	B56								29														
*56:17	B56																						
*56:21	–									30													
*56:23	–																						
*56:25	–																						

Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
*57:01:01-57:01:04, 57:01:06-57:03:02, 57:05-57:06, 57:08, 57:10, 57:15-57:20, 57:22-57:23, 57:25-57:30, 57:32-57:37	B57, Null, –																37						
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*58:01:01-58:01:02, 58:01:04-58:01:08, 58:04-58:05, 58:10N-58:15, 58:19, 58:21-58:24, 58:28-58:31N	B58, Null, –																37						
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*58:20	–																				41		
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*59:02-59:03	B59, –																						
*59:04	–																						
*67:01:01, 67:03	B67, –					26															41		
*67:01:02-67:02	B67, –																				41		
*73:01-73:02	B73, –																						
*78:01, 78:02:02-78:03, 78:07	B78, –									30								38					
*78:02:01, 78:04	B78, B35									30								38					
*78:05	–									30								38					
*78:06	–									30													
*81:01	B81	22																					
*81:02	B81	22																					
*81:03-81:05	Null, –	22																					
*82:01-82:03	B82, –								29			32							39				
*83:01	–																37						
Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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Well No.		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

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C*01:30					**25**																		
C*03:05, 03:25, 03:27				**24**																			
C*03:12, 03:19																							
C*03:102																**37**							
C*07:46									**29**														
C*15:02:04																							
C*15:25																							
C*15:39																							
Well No.		**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**

INTERPRETATION TABLE

HLA-B low resolution SSP

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

Well																						
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
160	180	105	325	115	130	90	90	145	120	430	145	300	160	180	180	90	95	115	360	350		Length of spec.
425				195	270	410	175	430	210				330	210		240		150				PCR product(s)
				225																		
				260																		
1070	1070	1070	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070		Length of int. pos. control[1]
44	355	540	1st I	355	209	41	209	48	357	49	206	1st I	15	141	420	209	206	165	1st I	1st I		5'-primer(s)[2]
5' -ggC 3'	5' -TCA 3'	5' -gAC 3'	5' -CAg 3'	5' -TCA 3'	5' -ggC 3'	5' -CTg 3'	5' -ggC 3'	5' -gCC 3'	5' -Tgg 3'	5' -CAg 3'	5' -gAA 3'	5' -CAg 3'	5' -gCA 3'	5' -ATT 3'	5' -TTA 3'	5' -ggC 3'	5' -gAC 3'	5' -ACC 3'	5' -CAg 3'	5' -CAg 3'		
357	363			418	209	368	363	206					418	420		209		463				
5' -Tgg 3'	5' -Agg 3'			5' -Agg 3'	5' -ggg 3'	5' -gTT 3'	5' -AgC 3'	5' -gAA 3'					5' -Agg 3'	5' -TTA 3'		5' -ggA 3'		5' -TgA 3'				
				499	355											362						
				5' -TCT 3'	5' -TCA 3'											5' -ggT 3'						
302	499	603	282	538	299	282	259	309	435	309	311	259	175	311	559	256	259	272	317	311		3'-primer(s)[3]
5' -ggC 3'	5' -ggA 3'	5' -gTg 3'	5' -gCC 3'	5' -gTC 3'	5' -TCA 3'	5' -gCC 3'	5' -gTT 3'	5' -ATC 3'	5' -TCT 3'	5' -ATC 3'	5' -ggT 3'	5' -CTC 3'	5' -CCg 3'	5' -ggT 3'	5' -CAg 3'	5' -CCC 3'	5' -gTT 3'	5' -TgC 3'	5' -ggA 3'	5' -ggT 3'		
302		605		572	583	418	499		527			259	538	559		259		538				
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