

INTERPRETATION TABLE

HLA-B low resolution SSP

Amplification patterns of the B*07:02 to B*83:01 alleles¹²

		Well																										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
Length of spec.		110	215	140	130	185	190	290	165	165	180	105	280	195	105	115	80	150	135	60	210	170	110	395	160			
PCR product(s)				235	265	235			330	390					435	150				400	245				425			
Length of int. pos. control ¹		800	1070	1070	800	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	800	800	1070	1070	1070			
5'-primer(s) ²		5'-gAC ^{3'} 540	5'-TCg ^{3'} 97	5'-AgC ^{3'} 363	5'-CCg ^{3'} 103	5'-AAT ^{3'} 363	5'-CCg ^{3'} 103	5'-Agg ^{3'} 418	5'-ggA ^{3'} 45	5'-Tgg ^{3'} 357	5'-AAA ^{3'} 435	5'-TTA ^{3'} 420	5'-AgA ^{3'} 206	5'-gTC ^{3'} 419	5'-gTC ^{3'} 419	5'-gAC ^{3'} 540				5'-gTT ^{3'} 368	5'-gTC ^{3'} 368	5'-TTA ^{3'} 420			5'-Tgg ^{3'} 357			
				5'-AgC ^{3'} 363	5'-AgT ^{3'} 361					5'-ATA ^{3'} 412										5'-ggA ^{3'} 557								
3'-primer(s) ³		5'-gCT ^{3'} 605	5'-TgA ^{3'} 272	5'-gTg ^{3'} 309	5'-CgT ^{3'} 193	5'-TAT ^{3'} 246	5'-TAT ^{3'} 246	5'-gCC ^{3'} 572	5'-TgA ^{3'} 165	5'-CCT ^{3'} 206	5'-TCC ^{3'} 266	5'-CTC ^{3'} 559	5'-TgA ^{3'} 272	5'-TAT ^{3'} 3 ^d 1	5'-gTC ^{3'} 301	5'-ATC ^{3'} 309	5'-TgC ^{3'} 272	5'-TCT ^{3'} 234	5'-TCT ^{3'} 204	5'-gCT ^{3'} 463	5'-ggC ^{3'} 302	5'-gTT ^{3'} 259	5'-ggg ^{3'} 311	5'-ggT ^{3'} 544	5'-ggA ^{3'} 317	5'-TgC ^{3'} 272	5'-ggC ^{3'} 302	
			5'-TgA ^{3'} 272	5'-Cag ^{3'} 559	5'-gTg ^{3'} 309	5'-CTC ^{3'} 559				5'-gTC ^{3'} 538	5'-Cag ^{3'} 559		5'-gCg ^{3'} 572		5'-gTC ^{3'} 301	5'-ATC ^{3'} 309	5'-TgC ^{3'} 272	5'-TgA ^{3'} 272			5'-gTC ^{3'} 266	5'-ggg ^{3'} 311					5'-ggT ^{3'} 302	
					5'-gTg ^{3'} 583	5'-CTC ^{3'} 559				5'-gTg ^{3'} 583					5'-CCg ^{3'} 572	5'-gCT ^{3'} 605	5'-TgA ^{3'} 272				5'-TCC ^{3'} 266	5'-gTC ^{3'} 538					5'-gCg ^{3'} 477	
															5'-gCg ^{3'} 572						5'-TCC ^{3'} 272							
																					5'-Tgg ^{3'} 292	5'-gTA ^{3'} 572						
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			

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
HLA-B allele ⁴	ser. ⁵																								
*07:02:01-07:02:20, 07:05:01-07:07, 07:10, 07:12-07:15, 07:18:01- 07:18:02, 07:21-07:23, 07:26, 07:29-07:31, 07:34- 07:35, 07:39, 07:41-07:46, 07:49N, 07:52, 07:55- 07:59, 07:61-07:64, 07:66- 07:68:02, 07:70-07:72, 07:74-07:77, 07:79-07:80, 07:82-07:83, 07:86-07:99, 07:101-07:117	B7, B42, Null, -	1																							24
*07:03, 07:08, 07:16, 07:32, 07:37	B7, B703, -	1																							24
*07:04, 07:25	B7	1													14										24
*07:09, 07:11, 07:17	B7	1										12													24
*07:19, 07:33, 07:40, 07:48, 07:51, 07:53	B7, B42																								24
*07:20, 07:24	B7, -	1	3																						24
*07:27	-	1									11									20					
*07:28	B7	1				6																			24
*07:36, 07:81	B7, -	1																							
*07:38	-	1																							
*07:47	B7	1																							24
*07:50	-	1									11														24
*07:54	B7	1																							24
*07:60	-		3																						24
*07:65	-	1																	18						
*07:69, 07:85	-	1																					23	24	
*07:73	-	1														16									24
*07:78	-	1								10															24
*07:84	-	1																							24
*07:100	-		3																						24
*08:01:01-08:01:13, 08:05, 08:08N, 08:10- 08:12:03, 08:15-08:16, 08:18-08:19N, 08:22- 08:24, 08:27, 08:29-08:31, 08:33-08:34, 08:39, 08:41- 08:48, 08:51, 08:53, 08:56- 08:59, 08:61, 08:63-08:64, 08:66	B8, Null, -		2						8																24
*08:02-08:03, 08:52	B8, -		2						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

Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
*08:04	B8, -		2						8			11													24
*08:07, 08:14	B8		2																						24
*08:09	B8		2						8																24
*08:13, 08:20, 08:40	B8, -		2																						24
*08:17, 08:54	-		2						8			11													24
*08:21	B8		2	3					8																24
*08:25	B8		2	3																					24
*08:26, 08:50, 08:62, 42:07 ⁶	B8, -								8																24
*08:28, 08:37	B8, -		2										12												24
*08:32	B8		2						8										18						24
*08:35	-		2						8				12												24
*08:36	-		2						8																24
*08:38	-		2						8																24
*08:49	-		2															17		20					24
*08:55	-		2																		21				24
*08:60	-		2						8																24
*08:65	-								8															23	24
*13:01:01-13:01:05, 13:17, 13:20, 13:22:01- 13:23, 13:25, 13:28-13:29	B13, -			3	4							10						17							
*13:02:01-13:02:09, 13:08Q, 13:15, 13:18- 13:19, 13:27, 13:30, 13:32- 13:34, 13:37-13:38, 13:40	B13, -			3	4							10													
*13:03	B49, B15			3	4																				
*13:04, 13:10	B49, B15, B13			3	4								12												
*13:06	B13			3	4													17							
*13:07N	Null			3	4							10						17							
*13:09	-				4							10													
*13:11	B13			3	4							10													
*13:12-13:13	B13			3	4													17							
*13:14	B13			3								10													
*13:16	B13			3	4							10													
*13:21, 13:35	-			3	4																				
*13:26	-			3	4								12					17							
*13:31	-			3	4							10													
*13:36	-			3	4							10						17							
*13:39	-				4							10						17							
*14:01:01-14:01:02, 14:07N, 14:12, 14:14, 14:19	B64, Null, -				4	5																		23	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
Well No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

*14:02:01-14:02:02, 14:02:04, 14:03-14:04, 14:09, 14:11, 14:15-14:18	B65, B14, -				4	6																	23	24	
*14:02:03, 14:02:06	B65, -				4																			23	24
*14:02:05	B65				4	6																		23	
*14:05-14:06:02, 14:13	B14, -					6																		23	24
*14:08, 39:25N, 39:30, 39:32-39:34, 39:47, 39:50 ⁷	B39, B16, Null, -					5																		23	24
*14:10	-					5											17							23	24
*15:01:01:01- 15:01:01:02N, 15:01:03, 15:01:06-15:01:16, 15:01:18, 15:01:20, 15:26N-15:27:03, 15:32, 15:34-15:35, 15:38:01- 15:38:02, 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, 15:128- 15:129, 15:135, 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, 15:206	B62, Null, -						7				12												19		
*15:01:02	B62						7	9			12													19	
*15:01:04	B62										12													19	
*15:01:17, 15:05:01- 15:06, 15:33, 15:39:01- 15:40, 15:65, 15:78:01- 15:78:02, 15:84, 15:107, 15:136, 15:141, 15:155, 15:179, 15:185, 15:195, 15:199	B62, -						7				12													19	
*15:01:19, 15:28, 15:120, 15:149N	B62, Null, -						7				12													19	
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
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

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
*15:43	B15							7					12							19					
*15:45	B62			3				7												19					
*15:46	-				4			7	8				12							19					
*15:48, 15:150, 15:188	B62, -							7												19					
*15:53	-				4				8				12							19					
*15:54	B72								8			11	12							19					
*15:55	B15			3				7					12							19					
*15:57	B62							7					12							19					
*15:62	-								8			11	12					17		19					
*15:64	B71								8			11	12							19					
*15:66	B62							7					12	14						19					
*15:68	-			3								11	12												
*15:69	B72								8			11	12							19	21				
*15:73	B62							7												19					
*15:74	B72								8				12							19					
*15:76	-							7					12							19					
*15:77	B62						6	7										17		19					
*15:80	B70								8				12	14				17		19					
*15:83	B62							7	8											19					
*15:85, 15:154, 15:165	B62, -							7					12					17		19					
*15:86	-							7												19					
*15:89	B77			w				7					12					17		19					
*15:91, 15:131	-								8			11	12	13						19					
*15:101	-							7					12												
*15:106	-				4			7	8				12					17		19					
*15:116	B62							7					12							19					
*15:124	B71								8				12	14						19					
*15:137	-							7												19					
*15:138	-	1						7					12							19					
*15:142	-		2					7					12							19					
*15:143	-							7	8				12							19					
*15:144	-							7					12					17		19					
*15:161	-								8				12	13	14					19					
*15:180	-		2						8				12							19					
*15:186	-								8				12	14						19	21				
*15:189	-						6	7					12	14						19					
*15:202	-							7					12						18	19					
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
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
*18:01:01-18:03, 18:05-18:08, 18:10-18:11, 18:13-18:15, 18:17N-18:18, 18:20-18:21, 18:23N-18:25, 18:27-18:28, 18:30-18:36, 18:38-18:40, 18:42-18:43, 18:45-18:47, 18:50-18:52	B18, Null, -												12		15			18							

*73:01-73:02	B73, -																							24	
*78:01, 78:02:02-78:03, 78:07	B78, -								9									18							
*78:02:01, 78:04	B78, B35								9									18							
*78:05	-								9									18							
*78:06	-								9																
*81:01	B81																								
*81:02	B81																							24	
*81:03-81:05	Null, -																								
*82:01-82:03	B82, -								8			11							19						
*83:01	-																	17							
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
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
A*23:31, A*24:106, C*16:10							6																		
A*68:56, C*06:20, C*12:50																									
C*01:30					4																				
C*02:06																									
C*02:23, C*04:77		1																							
C*03:05, C*03:25, C*03:27					3																				
C*03:12, C*03:19																									
C*03:102																		17							
C*07:46									8																
C*15:02:04																									
C*15:25																									
C*15:39																									
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	41	42	43	44	45	46	47	48	ser. ⁵	Well No. HLA-B allele ⁴	
			28																				47		B7, B42, Null, - *07:02:01-07:02:20, 07:05:01-07:07, 07:10, 07:12-07:15, 07:18:01-07:18:02, 07:21-07:23, 07:26, 07:29-07:31, 07:34-07:35, 07:39, 07:41-07:46, 07:49N, 07:52, 07:55-07:59, 07:61-07:64, 07:66-07:68:02, 07:70-07:72, 07:74-07:77, 07:79-07:80, 07:82-07:83, 07:86-07:99, 07:101-07:117	
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			28																					47		B7 *07:09, 07:11, 07:17
			28																					47		B7, B42 *07:19, 07:33, 07:40, 07:48, 07:51, 07:53
			28																					47		B7, - *07:20, 07:24
																							46		-	*07:27
			28																					47		B7 *07:28
			28																				46			B7, - *07:36, 07:81
																							46			- *07:38
			w																					47		B7 *07:47
																								47		- *07:50
			28										38											47		B7 *07:54
			28																					47		- *07:60
			28				32								40					w				47		- *07:65
																								47		- *07:69, 07:85
			28																					47		- *07:73
			28							35														47		- *07:78
			28							35														47		- *07:84
			28																				45	47		- *07:100
			27																					47		B8, Null, - *08:01:01-08:01:13, 08:05, 08:08N, 08:10-08:12:03, 08:15-08:16, 08:18-08:19N, 08:22-08:24, 08:27, 08:29-08:31, 08:33-08:34, 08:39, 08:41-08:48, 08:51, 08:53, 08:56-08:59, 08:61, 08:63-08:64, 08:66
			27																					46		B8, - *08:02-08:03, 08:52
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		Well No.	

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		Well No.
		27																				47		B8, -	*08:04
		27																				47		B8	*08:07, 08:14
		27			30																	47		B8	*08:09
																						47		B8, -	*08:13, 08:20, 08:40
		27											38									47		-	*08:17, 08:54
		27																				47		B8	*08:21
																						47		B8	*08:25
		27																				47		B8, -	*08:26, 08:50, 08:62, 42:07 ⁶
		27																				47		B8, -	*08:28, 08:37
		27																	44			47		B8	*08:32
		27																				47		-	*08:35
		27																				47		-	*08:36
		27											38									47		-	*08:38
		27			29																	47		-	*08:49
																						47		-	*08:55
		27			29																	47		-	*08:60
		27																				47		-	*08:65
													38									46		B13, -	*13:01:01-13:01:05, 13:17, 13:20, 13:22:01-13:23, 13:25, 13:28-13:29
													38									46		B13, -	*13:02:01-13:02:09, 13:08Q, 13:15, 13:18-13:19, 13:27, 13:30, 13:32 13:34, 13:37-13:38, 13:40
													38		41							46		B49, B15	*13:03
													38									46		B49, B15, B13	*13:04, 13:10
													38		40							46		B13	*13:06
																						46		Null	*13:07N
													38									47		-	*13:09
													38					43				46		B13	*13:11
													38									46		B13	*13:12-13:13
													38									46		B13	*13:14
												35										46		B13	*13:16
													38									46		-	*13:21, 13:35
													38									46		-	*13:26
												w									45	46		-	*13:31
								33					38									46		-	*13:36
													38									47		-	*13:39
																						47		B64, Null, -	*14:01:01-14:01:02, 14:07N, 14:12, 14:14, 14:19
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		Well No.
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		Well No.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		Well No.	
													38							45	46			B15	*15:43	
													38							45		47		B62	*15:45	
												37	38							45		47		-	*15:46	
													38										47	B62, -	*15:48, 15:150, 15:188	
												37	38							45		47		-	*15:53	
													38							45		47		B72	*15:54	
								33															47	B15	*15:55	
					w								38							45		47		B62	*15:57	
													38										47	-	*15:62	
																							47	B71	*15:64	
													38							45		47		B62	*15:66	
													38							45		47		-	*15:68	
													38										47	B72	*15:69	
													38			41	43			45		47		B62	*15:73	
													38										47	B72	*15:74	
			28					w												45		47		-	*15:76	
													38							45		47		B62	*15:77	
																							47	B70	*15:80	
					30								38										47	B62	*15:83	
													38							45		47		B62, -	*15:85, 15:154, 15:165	
													38		40								47	-	*15:86	
								33													46			B77	*15:89	
													38										47	-	*15:91, 15:131	
			28										38							45		47		-	*15:101	
													37	38									47	-	*15:106	
25													38										47	B62	*15:116	
25																							47	B71	*15:124	
													38							45		47		-	*15:137	
													38										47	-	*15:138	
													38							45		47		-	*15:142	
													37							45		47		-	*15:143	
								33												45		47		-	*15:144	
																							47	-	*15:161	
																				45		47		-	*15:180	
																							47	-	*15:186	
								33												45		47		-	*15:189	
													38							45		47		-	*15:202	
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