

INTERPRETATION TABLE

HLA-B*38 SSP subtyping

Amplification patterns of the B*38:01 to 38:40 alleles

	Well ⁷											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	##	##	##	##	##	##	##	##	##	85	90	90
PCR product(s)							##	##	##	##	##	
Length of int. pos. control ¹	800	800	800	###	###	800	800	800	###	###	###	800
5'-primer(s) ²	##	##	##	##	##	##	##	##	##	##	##	##
	5'-CCT ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-gAA ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-CCg ^{3'}	5'-gAC ^{3'}	5'-CCA ^{3'}	5'-gAA ^{3'}	5'-gAA ^{3'}
							##	##	##	##	##	##
							5'-TgC ^{3'}	5'-ggC ^{3'}	5'-TgC ^{3'}	5'-TCA ^{3'}	5'-TgA ^{3'}	5'-gAg ^{3'}
								5'-AAAT ^{3'}	5'-TCA ^{3'}	5'-CCA ^{3'}	5'-gAA ^{3'}	
								5'-gAC ^{3'}	##	##	##	
3'-primer(s) ³	##	##	##	##	##	##	##	##	##	##	##	##
	5'-TAT ^{3'}	5'-gTA ^{3'}	5'-TgC ^{3'}	5'-ATC ^{3'}	5'-gTg ^{3'}	5'-Tgg ^{3'}	5'-CTC ^{3'}	5'-TAT ^{3'}	5'-ATC ^{3'}	5'-TAT ^{3'}	5'-CTA ^{3'}	5'-gTC ^{3'}
	##	##				##	##	##	##		##	##
	5'-TAT ^{3'}	5'-gTA ^{3'}				5'-CTA ^{3'}	5'-CTA ^{3'}	5'-ggT ^{3'}	5'-ggT ^{3'}		5'-CAT ^{3'}	5'-gTC ^{3'}
		##					##				##	##
		5'-gTA ^{3'}					5'-ggT ^{3'}				5'-ggT ^{3'}	5'-ggT ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	185	190	170	105	210	175	160	185	145	85	90	90
PCR product(s)							185	230	205	145	145	
							205			180		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele ⁴												
*38:01:01, 38:01:03-38:01:07, 38:31, 38:38-38:40	1	2	3	4								
*38:01:02	1	2	3	4								
*38:02:01-38:02:02, 38:35	1	2	3		5							

*38:02:03		2	3		5								
*38:03	1				5	6	7						
*38:04		2	3		5		7						
*38:05		2	3	4				8					
*38:06		2							9				
*38:07	1	2							9	10			
*38:08	1	2	3		5						11		
*38:09	1	2	3	4								12	
*38:10	1	2	3	4									
*38:11, 38:19 ⁵	1	2	3	4									
*38:12	1	2	3	4						10			
*38:13	1		3	4							11		
*38:14	1		3	4								12	
*38:15	1	2	3		5			8					
*38:16	1			4						10			
*38:17, 39:37 ⁶	1	2	3										
*38:18	1	2	3		5						11		
*38:20	1	2	3	4				8					
*38:21	1	2	3	4			7		9				
*38:22	1	2	3	4				8					
*38:23	1	2	3		5								
*38:24	1	2	3	4									
*38:25		2	3				7						
*38:26	1			4								12	
*38:27	1	2	3	4									
*38:28	1			4									
*38:29	1	2	3		5								
*38:30	1	2	3	4									
*38:32	1	2	3	4									
*38:33		2	3	4				8		10			
*38:34N	1	2	3	4		6	7						
*38:36	1	2	3	4									
*38:37	1	2	3	4									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

*15:115		2	3		5								
*15:186		2	3										
*15:189								8		10		12	
*15:199													
*15:243		2	3				7						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	185	190	170	105	210	175	160	185	145	85	90	90	
PCR product(s)							185	230	205	145	145		
							205			180			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*18:01:01:01-18:01:01:02, 18:01:03-18:01:12, 18:01:14-18:02, 18:05-18:06, 18:08, 18:10-18:11, 18:13-18:14, 18:17N-18:18, 18:20, 18:22-18:24, 18:27- 18:28, 18:31-18:32, 18:34-18:55, 18:58-18:60, 18:62- 18:66, 18:69, 18:71-18:76		2				6							
*18:01:02, 18:03						6							
*18:01:13, 18:25, 18:68, 18:70		2				6							
*18:07:01-18:07:02		2											
*18:09		2			5	6							
*18:12, 37:02, 37:09, 48:02:01, 48:17, 48:23, 48:26		2				6	7						
*18:26, 18:61, 48:16		2				6							
*18:29, 27:01, 27:23, 27:29, 27:44, 35:50, 35:84, 35:197, 40:02:10, 40:03, 40:09, 40:18, 40:20, 40:24, 40:44, 40:89-40:90, 40:120, 40:131, 40:159, 40:180, 44:103, 48:02:02, 57:10													
*18:33		2	3										
*18:56, 37:08		2				6							
*18:67		2				6			9				
*35:02:01-35:02:04, 35:81, 35:83, 35:95, 35:129N, 35:154, 35:157, 35:172, 35:182-35:184													
*35:25, 35:124-35:125, 35:142, 57:58		2											
*35:26								8		10			
*35:35, C*15:51								8					
*35:162		2											
*37:01:01-37:01:08, 37:03N-37:06, 37:11, 37:14- 37:20, 37:23-37:25, 37:27-37:33N		2				6	7						
*37:10		2			5	6	7						
*37:12, 40:149, 42:11, 48:01:01-48:01:03, 48:03:01- 48:04, 48:07, 48:09-48:14, 48:18-48:21, 48:24, 48:27- 48:28		2				6	7						
*37:13		2				6	7						
*37:21, 37:26		2					7						
*37:22, 44:131													
*37:34		2				6	7		9				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	185	190	170	105	210	175	160	185	145	85	90	90	
PCR product(s)							185	230	205	145	145		
							205			180			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

*48:06	2												
*49:03									9				
*51:01:01-51:01:18, 51:01:20-51:01:30, 51:01:32-51:02:02, 51:02:04-51:04, 51:06:01-51:07:02, 51:11N-51:14, 51:16, 51:21-51:24:04, 51:26-51:30, 51:32-51:35, 51:38-51:39, 51:41N, 51:43, 51:46, 51:48-51:52, 51:55-51:56:02, 51:58-51:60, 51:62-51:71, 51:74-51:77, 51:79-51:80, 51:82-51:84, 51:86, 51:88-51:89, 51:95-51:96, 51:98N-51:100, 51:102, 51:105-51:107, 51:109-51:111, 51:113-51:114, 51:117-51:119, 51:121, 51:123-51:134, 51:136-51:137, 52:01:01-52:01:09, 52:01:12, 52:04-52:09, 52:11, 52:13-52:15, 52:17-52:18, 52:22-52:25, 52:30, 58:08:01-58:08:02									9				
*51:01:19									9				
*51:01:31, 51:02:03, 51:17-51:18, 51:37, 51:45, 51:85, 51:90, 51:92, 51:94, 51:135, 52:01:11, 52:12, 52:26, 53:06, 53:08:01-53:08:02, 53:28, 58:06, 58:19									9				
*51:05, 51:09:01-51:10, 51:15, 51:31, 51:40, 51:73, 51:81, 51:93, 51:108, 51:115, 51:122, 52:03, 52:10:01-52:10:02, 58:27-58:28									9				
*51:08, 51:20, 51:44N, 51:97, 52:19									9				
*51:19, 51:42, 53:01:01-53:02, 53:04-53:05, 53:07, 53:10, 53:14-53:18, 53:20, 53:23-53:27, 58:01:01-58:02, 58:04-58:05, 58:07, 58:09-58:11, 58:13-58:16, 58:18, 58:21-58:26, 58:29-58:35, 58:37									9				
*51:36									9				
*51:53, 51:120, 52:28-52:29									9				
*51:57, 51:103									9				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
Length of spec.	185	190	170	105	210	175	160	185	145	85	90	90	
PCR product(s)							185	230	205	145	145		
							205			180			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*51:61:01-51:61:02, 52:21									9				
*51:72, 51:87, 51:91									9				
*51:101									9				
*51:116		2							9				
*52:01:10				4					9				
*52:16		2				6	7						
*52:27		2				6	7		9				
*53:19									9				
*53:21									9				
*55:54, C*15:24													
*55:55N													
*55:56, 57:09													
*58:12		2							9				
*58:20									9				

175	170	230	220	150	160	140	265	115	175	155	175	Length of spec.	
			350									PCR product(s)	
			425										
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
	14											*07:02:01-07:02:31, 07:02:33-07:04, 07:07-07:12, 07:14-07:15, 07:17-07:24, 07:26, 07:28-07:31, 07:33, 07:35-07:36, 07:39, 07:41-07:47, 07:49N, 07:52, 07:54-07:55, 07:57-07:68:03, 07:70-07:71, 07:73- 07:74, 07:76-07:77, 07:79, 07:81-07:84, 07:86-07:89, 07:92-07:96:02, 07:98-07:104, 07:106-07:109, 07:111N, 07:113-07:122, 07:124-07:136, 07:139, 07:141-07:148, 07:150-07:154, 07:156-07:162, 14:21, 15:01:01:01-15:01:04, 15:01:06-15:02:06, 15:04, 15:06-15:08, 15:11:01-15:17:02, 15:19, 15:21, 15:24- 15:28, 15:32-15:36, 15:38:01-15:40, 15:43-15:46, 15:50, 15:53, 15:56-15:57, 15:60, 15:63, 15:65-15:67, 15:70, 15:76-15:79N, 15:81-15:82, 15:85, 15:87, 15:89, 15:92, 15:94N-15:97, 15:101-15:102, 15:104, 15:106, 15:109-15:110, 15:112-15:113, 15:116- 15:118, 15:120-15:122, 15:125-15:126, 15:128- 15:129, 15:135, 15:137-15:144, 15:146-15:149N, 15:152, 15:154, 15:157, 15:159-15:160, 15:163- 15:172, 15:174, 15:177-15:178, 15:180-15:184, 15:187, 15:190N-15:196, 15:201-15:209N, 15:211- 15:217, 15:219, 15:223, 15:225, 15:227-15:228, 15:230-15:234, 15:236, 15:239-15:241, 15:244- 15:249, 15:254, 27:04:01-27:04:03, 27:06, 27:10, 27:15, 27:21, 27:25, 27:40, 27:54, 27:63, 27:66N, 27:68-27:69, 27:79, 27:86, 27:91, 35:11:01-35:11:02, 35:14:01-35:14:02, 35:21, 35:43:01, 35:58, 35:67, 35:79, 35:86, 35:96, 35:99, 35:102, 35:117-35:118, 35:135, 35:167, 35:185, 35:188, 40:32, 44:76, 44:79, 44:146, 44:150, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:12, 46:14-46:17, 46:20, 46:22-46:24, 46:27-46:32, 46:34, 49:01:01-49:02, 49:04-49:10, 49:12-49:22, 50:01:01-50:02, 50:04-50:17, 54:06, 55:14, 56:03, 56:32, 57:13, 57:22	
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
			350									Length of spec.	
			425									PCR product(s)	
13	14	15	16	17	18	19	20	21	22	23	24	Well No.	
	14											*07:02:32	

