

# INTERPRETATION TABLE

## HLA-B\*58 SSP subtyping

Amplification patterns of the B\*58:01 to B\*58:31N alleles

	Well <sup>7</sup>											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	90	150	240	190	90	170	80	250	160	115	205	235
PCR product(s)				230						270		
Length of int. pos. control <sup>1</sup>	800	800	800	1070	1070	1070	1070	1070	800	800	1070	1070
5'-primer(s) <sup>2</sup>	209	355	361	106	463	527	486	361	141	355	361	367
	5'-ggA 3'	5'-TCA 3'	5'-AgT 3'	5'-CCA 3'	5'-TgA 3'	5'-TgA 3'	5'-ACC 3'	5'-AgT 3'	5'-ATT 3'	5'-TCA 3'	5'-AgT 3'	5'-T.T 3'
									355			
									5'-TCA 3'			
3'-primer(s) <sup>3</sup>	256	463	559	256	512	3 <sup>d</sup> I	527	572	256	430	527	559
	5'-CCC 3'	5'-gCT 3'	5'-CAG 3'	5'-CTC 3'	5'-CCA 3'	5'-TAT 3'	5'-CCT 3'	5'-gCg 3'	5'-CCC 3'	5'-gCg 3'	5'-CCA 3'	5'-CAG 3'
				296					479	583		
				5'-CTg 3'					5'-CCA 3'	5'-gTg 3'		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele <sup>4</sup>												
*58:01:01-58:01:08	1	2										
*58:02	1		3								11	
*58:04		2		4								
*58:05	1	2			5							
*58:06	1		3			6	7					
*58:07	1		3					8			11	
*58:08	1					6	7		9			
*58:09, 58:24 <sup>5</sup>	1	2								10		
*58:10N	1	2										12
*58:11	1	2										
*58:12	1	2										
*58:13	1	2										
*58:14	1	2										
*58:15	1	2		4								
*58:16	1											
*58:17N	1	2										
*58:18	1											
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	90	150	240	190	90	170	80	250	160	115	205	235
PCR product(s)				230						270		

Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*58:19	1	2				6	7					
*58:20	1											
*58:21, 58:29 <sup>6</sup>	1	2										
*58:22	1	2										
*58:23	1	2							9			
*58:25	1		3								11	
*58:26	1											
*58:27	1											
*58:28	1	2										
*58:30	1	2										
*58:31N	1	2										
*07:02:01-07:02:12, 07:02:14-07:04, 07:07-07:08, 07:10, 07:13, 07:15-07:16, 07:19-07:24, 07:26-07:31, 07:33, 07:35-07:39, 07:41-07:47, 07:49N-07:50, 07:52, 07:54-07:57, 07:59-07:68:01, 07:70-07:79, 07:81-07:89, 07:91-07:96:02, 07:98-07:104, 07:106-07:111N, 07:113-07:117, 13:31, 15:01:01:01-15:01:04, 15:01:06-15:01:20, 15:03:01, 15:03:03-15:04, 15:06, 15:08-15:12, 15:14-15:19, 15:23-15:24, 15:26N-15:30, 15:32-15:35, 15:37-15:39:01, 15:40, 15:43, 15:45-15:47, 15:49-15:50, 15:53-15:54, 15:56-15:58, 15:60-15:61, 15:63-15:67, 15:69-15:74, 15:76, 15:78:01-15:79N, 15:81-15:82, 15:87, 15:90, 15:92-15:99, 15:101, 15:103-15:104, 15:108-15:110, 15:113, 15:115-15:120, 15:122, 15:125, 15:127-15:129, 15:131-15:135, 15:137-15:138, 15:140-15:143, 15:146-15:150, 15:152-15:153, 15:156-15:161, 15:163-15:164, 15:166-15:169, 15:171-15:175, 15:177-15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:195-15:199, 15:201-15:203, 15:205-15:206, 15:208-15:209N, 18:19, 18:21, 18:30, 27:04:01-27:04:03, 27:06, 27:10, 27:15, 27:18, 27:20-27:21, 27:25, 27:40, 27:54, 27:63, 27:66N, 27:68-27:69, 35:43:01-35:43:02, 35:79, 37:07, 39:18, 39:36, 40:23, 40:26, 40:32, 40:51, 40:98, 40:148, 40:158, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:14-46:17, 46:20, 46:22-46:24, 48:08, 49:01:02, 54:06, 55:21, 56:03						6						
*07:02:13, 07:68:02, 14:03, 14:12, 54:20, 55:09						6	w					
*07:05:01-07:06, 07:32, 07:34, 07:40, 07:53, 07:69, 07:80, 07:90, 07:97, 07:105, 07:112, 08:20, 08:53, 27:24, 40:05, 40:15-40:16, 48:05, 48:15						6						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	90	150	240	190	90	170	80	250	160	115	205	235
PCR product(s)				230						270		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*07:09, 07:11, 07:17, 15:07:01-15:07:02, 15:68, 15:126, 15:207, 46:12						6						

*07:12, 07:14, 07:18:01-07:18:02, 57:13						6							
*07:25, 07:48, 07:51, 08:07, 08:09, 08:12:01-08:12:03, 08:14, 08:16, 08:30N, 13:02:01-13:04, 13:08Q-13:11, 13:14-13:15, 13:18-13:19, 13:27, 13:30, 13:32-13:35, 13:37-13:38, 13:40, 15:05:01-15:05:02, 15:31, 15:48, 15:51-15:52, 15:75, 15:83-15:84, 15:86, 15:91, 15:105, 15:107, 15:111N, 15:114, 15:123, 15:136, 15:145, 15:151, 15:155, 15:162, 15:176, 15:179, 15:185-15:186, 15:188, 15:200, 18:01:01-18:13, 18:17N-18:18, 18:20, 18:23N-18:29, 18:31-18:43, 18:45-18:50, 18:52, 27:01-27:03, 27:05:02-27:05:15, 27:08-27:09, 27:12-27:14, 27:16-27:17, 27:23, 27:26-27:29, 27:31-27:32, 27:34-27:39, 27:41-27:42, 27:44-27:53, 27:55-27:62, 27:64N-27:65N, 27:67, 27:70-27:73, 35:60, 37:02, 37:09, 38:01:01-38:09, 38:11-38:19, 38:21-38:26, 39:01:01:01-39:01:01:02L, 39:01:03-39:13:02, 39:15-39:17, 39:19:01-39:20, 39:22-39:34, 39:37-39:41, 39:43-39:45, 39:47-39:62, 40:01:01-40:01:17, 40:06:01:01-40:07, 40:09-40:12, 40:14:01-40:14:03, 40:18, 40:20-40:22N, 40:24-40:25, 40:27, 40:31, 40:33, 40:36, 40:38, 40:42-40:44, 40:46-40:49, 40:52-40:55, 40:59-40:63, 40:65-40:67, 40:69-40:76, 40:79, 40:81, 40:83-40:84, 40:86, 40:88, 40:92-40:93, 40:96, 40:100-40:103, 40:106, 40:108-40:110, 40:112-40:114, 40:116-40:118N, 40:120-40:121, 40:123-40:128, 40:130-40:132, 40:134-40:136, 40:138-40:141, 40:146-40:147, 40:149-40:156, 41:01, 41:03:01-41:09, 41:12, 41:14, 41:16, 42:04, 42:06, 44:15, 44:18, 44:20, 44:31, 44:41, 44:47, 44:53-44:54, 44:65, 44:99-44:100, 44:106, 45:01-45:13, 46:06, 46:09, 46:11, 46:13:01-46:13:03, 46:18-46:19, 46:21:01-46:21:02, 46:25-46:26, 47:01:01:01-47:07, 48:03:01-48:03:02, 48:07, 48:17, 48:21, 48:23, 49:11, 54:01-54:05N, 54:07-54:19, 54:21-54:23, 55:02:01-55:02:06, 55:07-55:08, 55:10, 55:12-55:13, 55:16, 55:18-55:20, 55:22-55:23, 55:26-55:27, 55:30, 55:32, 55:34-55:35, 55:37, 55:39, 55:41-55:43, 55:46-55:48, 56:01:01-56:02, 56:04, 56:07-56:08, 56:10, 56:13-56:20, 56:22-56:24, 56:26-56:30, 57:01:05, 57:21, 57:31, 59:01-59:05, 67:01:01-67:03, 82:01-82:03													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

Length of spec.	90	150	240	190	90	170	80	250	160	115	205	235
PCR product(s)				230						270		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*07:58, 15:102						6						
*08:01:01-08:05, 08:08N, 08:10-08:11, 08:13, 08:15, 08:17-08:19N, 08:21-08:27, 08:29, 08:31-08:34, 08:36, 08:38-08:48, 08:50-08:52, 08:54-08:66, 13:21, 27:07, 27:11, 27:33, 27:43, 35:31, 35:87, 37:12, 39:14, 40:02:01-40:02:11, 40:04, 40:08, 40:13, 40:19, 40:29-40:30, 40:34-40:35, 40:37, 40:39-40:40, 40:45, 40:50, 40:56-40:58, 40:64, 40:68, 40:78, 40:80, 40:82, 40:85, 40:89-40:91, 40:94, 40:97, 40:99, 40:104, 40:107, 40:111, 40:115, 40:119, 40:122, 40:129, 40:133Q, 40:137, 40:142N-40:145, 40:157, 41:02:01-41:02:03, 41:10-41:11, 41:13, 41:15, 42:01:01-42:02, 42:05:01-42:05:02, 42:07-42:08, 42:10-42:14, 48:01:01-48:01:03, 48:04, 48:06, 48:09-48:13, 48:16, 48:18-48:20, 48:22, 48:24, 55:04, 81:01-81:02, 81:04N-81:05												
*08:28, 08:35, 08:37, 15:55, 18:14, 40:03, 40:105, 42:09												
*08:49, 13:01:01-13:01:05, 13:06-13:07N, 13:12, 13:17, 13:22:01-13:23, 13:25-13:26, 13:28-13:29, 13:36, 13:39, 15:88, 27:19, 27:30, 35:57, 37:01:01-37:01:07, 37:03N, 37:05-37:06, 37:08, 37:10-37:11, 37:14-37:25, 38:20, 39:42, 44:02:01:01-44:03:12, 44:05:01-44:14, 44:16-44:17, 44:19N, 44:21-44:27, 44:29-44:30, 44:32-44:40, 44:42-44:46, 44:48-44:52N, 44:55, 44:57-44:61N, 44:63-44:64:02, 44:67-44:75, 44:78, 44:80-44:81, 44:83-44:98, 44:101-44:105, 44:107-44:115, 51:42, 56:09, 56:11, 57:01:01-57:01:04, 57:01:06-57:01:10, 57:06, 57:08, 57:10, 57:15-57:16, 57:18, 57:20, 57:23-57:27, 57:29, 57:32-57:37		2										
*13:13, 44:62, 44:77, 44:82, 56:12, 57:03:01-57:03:02, 57:07, 57:17		2										
*13:16, 14:01:01-14:02:06, 14:04-14:09, 14:11, 14:14-14:18, 15:03:02, 15:39:02, 15:42, 18:15, 38:10, 39:35, 40:95, 49:01:01, 49:02-49:05, 49:07-49:10, 49:12-49:15, 50:01:01-50:02, 50:04-50:12, 52:07, 55:01:01-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:17, 55:24-55:25, 55:28-55:29, 55:31, 55:33, 55:36, 55:38, 55:40, 55:44-55:45, 56:06, 56:25						6	7					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	90	150	240	190	90	170	80	250	160	115	205	235
PCR product(s)				230						270		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12



*35:44, 35:67, 35:86, 35:99, 35:102, 35:117-35:118, 35:135, 51:24:02-51:24:03, 51:36, 51:61, 51:71-51:72, 51:87, 51:91, 52:21						6							
*35:58						6	7						
*35:70	2												
*35:75													
*35:81	2									10			
*35:96	2					6	7			10			
*40:28	2					6	7			10			
*44:04, 44:28:01-44:28:02, 44:56N, 57:04, 57:19, 57:28N, 57:30	2												
*44:66, C*03:102	2												
*44:76	2					6	w						
*48:14						5							
*49:06						6	7						
*51:01:01-51:03, 51:06-51:07:02, 51:11N-51:14, 51:16- 51:18, 51:21-51:24:01, 51:24:04, 51:26-51:28, 51:30, 51:32-51:35, 51:37-51:39, 51:41N, 51:43, 51:45, 51:48- 51:52, 51:57-51:60, 51:62-51:63, 51:65-51:70, 51:74- 51:80, 51:83-51:86, 51:88-51:90, 51:92, 51:94-51:96, 51:98N-51:106, 52:01:01-52:02, 52:04-52:06:02, 52:08- 52:09, 52:11-52:18, 52:20, 52:22, 56:05:01-56:05:02, 56:21, 78:01-78:03, 78:05-78:07						6	7						
*51:04, 51:46, 51:56	2					6	7			10			
*51:29, 51:55, 51:82						6	w						
*51:53							7						
*51:64						6	7						
*57:02:01-57:02:02, 57:05, 57:12	2												
*57:09	2					6							
*57:11			3								11		
*83:01	2												
A*02:01:33										9			
A*24:64, C*01:06											w		
C*01:35, C*03:17, C*03:71, C*14:20			3										
C*03:28, C*03:49, C*04:80, C*05:10, C*15:08													
C*07:81						5							
C*15:18, C*15:39										10			
C*15:24													
HLA-B allele <sup>4</sup>													
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

# INTERPRETATION TABLE

## HLA-B\*58 SSP subtyping

Amplification patterns of the B\*58:01 to B\*58:31N alleles

Well <sup>7</sup>												
13	14	15	16	17	18	19	20	21	22	23	24	
165	165	155	145	225	70	95	85	440	180	150	95	Length of spec. PCR product(s)
				375	140		170			260		
1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	Length of int. pos. control <sup>1</sup>
652	652	142	454	281	209	363	209	206	635	355	355	5'-primer(s) <sup>2</sup>
5'-CCg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-TCT <sup>3'</sup>	5'-ACA <sup>3'</sup>	5'-CTC <sup>3'</sup>	5'-ggA <sup>3'</sup>	5'-AgC <sup>3'</sup>	5'-ggA <sup>3'</sup>	5'-gAC <sup>3'</sup>	5'-ACg <sup>3'</sup>	5'-TCC <sup>3'</sup>	5'-TCA <sup>3'</sup>	
				355						652	363	
				5'-TCA <sup>3'</sup>						5'-CCg <sup>3'</sup>	5'-AgC <sup>3'</sup>	
774	774	256	559	369	239	419	252	362	774	463	412	3'-primer(s) <sup>3</sup>
5'-ggT <sup>3'</sup>	5'-ggT <sup>3'</sup>	5'-CCC <sup>3'</sup>	5'-CAg <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-gCg <sup>3'</sup>	5'-Cgg <sup>3'</sup>	5'-TCg <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-ggT <sup>3'</sup>	5'-gCT <sup>3'</sup>	5'-gTT <sup>3'</sup>	
				538	309		340			870		
				5'-CCg <sup>3'</sup>	5'-A.C <sup>3'</sup>		5'-ggT <sup>3'</sup>			5'-gA <sup>3'</sup>		
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele <sup>4</sup>
13												*58:01-01-58:01:08
13												*58:02
13												*58:04
13												*58:05
13												*58:06
13												*58:07
13												*58:08
13												*58:09, 58:24 <sup>5</sup>
13												*58:10N
	14											*58:11
13		15										*58:12
13			16									*58:13
13								21				*58:14
13												*58:15
13				17								*58:16
13					18							*58:17N
13				17		19						*58:18
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
165	165	155	145	225	70	95	85	440	180	150	95	Length of spec. PCR product(s)
				375	140		170			260		

13	14	15	16	17	18	19	20	21	22	23	24	Well No.
13												*58:19
	14											*58:20
13							20					*58:21, 58:29 <sup>6</sup>
13				17								*58:22
13												*58:23
13					18							*58:25
13										23		*58:26
13											24	*58:27
13											24	*58:28
13								22				*58:30
13										23		*58:31N
	14											*07:02:01-07:02:12, 07:02:14-07:04, 07:07-07:08, 07:10, 07:13, 07:15-07:16, 07:19-07:24, 07:26-07:31, 07:33, 07:35-07:39, 07:41-07:47, 07:49N-07:50, 07:52, 07:54-07:57, 07:59-07:68:01, 07:70-07:79, 07:81-07:89, 07:91-07:96:02, 07:98-07:104, 07:106-07:111N, 07:113-07:117, 13:31, 15:01:01:01-15:01:04, 15:01:06-15:01:20, 15:03:01, 15:03:03-15:04, 15:06, 15:08-15:12, 15:14-15:19, 15:23-15:24, 15:26N-15:30, 15:32-15:35, 15:37-15:39:01, 15:40, 15:43, 15:45-15:47, 15:49-15:50, 15:53-15:54, 15:56-15:58, 15:60-15:61, 15:63-15:67, 15:69-15:74, 15:76, 15:78:01-15:79N, 15:81-15:82, 15:87, 15:90, 15:92-15:99, 15:101, 15:103-15:104, 15:108-15:110, 15:113, 15:115-15:120, 15:122, 15:125, 15:127-15:129, 15:131-15:135, 15:137-15:138, 15:140-15:143, 15:146-15:150, 15:152-15:153, 15:156-15:161, 15:163-15:164, 15:166-15:169, 15:171-15:175, 15:177-15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:195-15:199, 15:201-15:203, 15:205-15:206, 15:208-15:209N, 18:19, 18:21, 18:30, 27:04:01-27:04:03, 27:06, 27:10, 27:15, 27:18, 27:20-27:21, 27:25, 27:40, 27:54, 27:63, 27:66N, 27:68-27:69, 35:43:01-35:43:02, 35:79, 37:07, 39:18, 39:36, 40:23, 40:26, 40:32, 40:51, 40:98, 40:148, 40:158, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:14-46:17, 46:20, 46:22-46:24, 48:08, 49:01:02, 54:06, 55:21, 56:03
	14											*07:02:13, 07:68:02, 14:03, 14:12, 54:20, 55:09
	14										24	*07:05:01-07:06, 07:32, 07:34, 07:40, 07:53, 07:69, 07:80, 07:90, 07:97, 07:105, 07:112, 08:20, 08:53, 27:24, 40:05, 40:15-40:16, 48:05, 48:15
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
165	165	155	145	225	70	95	85	440	180	150	95	Length of spec.
				375	140		170			260		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
	14					19						*07:09, 07:11, 07:17, 15:07:01-15:07:02, 15:68, 15:126, 15:207, 46:12





165	165	155	145	225	70	95	85	440	180	150	95	Length of spec.
				375	140		170			260		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*07:58, 15:102
	14										24	*08:01:01-08:05, 08:08N, 08:10-08:11, 08:13, 08:15, 08:17-08:19N, 08:21-08:27, 08:29, 08:31-08:34, 08:36, 08:38-08:48, 08:50-08:52, 08:54-08:66, 13:21, 27:07, 27:11, 27:33, 27:43, 35:31, 35:87, 37:12, 39:14, 40:02:01-40:02:11, 40:04, 40:08, 40:13, 40:19, 40:29-40:30, 40:34-40:35, 40:37, 40:39-40:40, 40:45, 40:50, 40:56-40:58, 40:64, 40:68, 40:78, 40:80, 40:82, 40:85, 40:89-40:91, 40:94, 40:97, 40:99, 40:104, 40:107, 40:111, 40:115, 40:119, 40:122, 40:129, 40:133Q, 40:137, 40:142N-40:145, 40:157, 41:02:01-41:02:03, 41:10-41:11, 41:13, 41:15, 42:01:01-42:02, 42:05:01-42:05:02, 42:07-42:08, 42:10-42:14, 48:01:01-48:01:03, 48:04, 48:06, 48:09-48:13, 48:16, 48:18-48:20, 48:22, 48:24, 55:04, 81:01-81:02, 81:04N-81:05
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13	14	15	16	17	18	19	20	21	22	23	24	Well No.
165	165	155	145	225	70	95	85	440	180	150	95	Length of spec.
				375	140		170			260		PCR product(s)
13	14	15	16	17	18	19	20	21	22	23	24	Well No.



