

# INTERPRETATION TABLE

## HLA-B\*58 SSP subtyping

Amplification patterns of the B\*58:01 to B\*58:36 alleles

	Well <sup>9</sup>											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec. PCR product(s)	90	150	240	190 230	90	170	80	250	160	115 270	205	235
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 <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-AgT <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-TgA <sup>3'</sup>	5'-TgA <sup>3'</sup>	5'-ACC <sup>3'</sup>	5'-AgT <sup>3'</sup>	5'-ATT <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-AgT <sup>3'</sup>	5'-T.T <sup>3'</sup>
									355			
									5'-TCA <sup>3'</sup>			
3'-primer(s) <sup>3</sup>	256	463	559	256	512	3 <sup>rd</sup>	527	572	256	430	527	559
	5'-CCC <sup>3'</sup>	5'-gCT <sup>3'</sup>	5'-CAG <sup>3'</sup>	5'-CTC <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-TAT <sup>3'</sup>	5'-CCT <sup>3'</sup>	5'-gCg <sup>3'</sup>	5'-CCC <sup>3'</sup>	5'-gCg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-CAG <sup>3'</sup>
				##					##	##		
				5'-CTg <sup>3'</sup>					5'-CCA <sup>3'</sup>	5'-gTg <sup>3'</sup>		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele <sup>4,5</sup>												
*58:01:01-58:01:09, 58:32-58:35	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	
*58:08:01	1					6	7		9			
*58:08:02	1					6	7					
*58:09, 58:24 <sup>6</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											
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec. PCR product(s)	90	150	240	190 230	90	170	80	250	160	115 270	205	235

<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
*58:17N	1	2										
<b>*58:18</b>	<b>1</b>											
*58:19	1	2				6	7					
*58:20	1											
<b>*58:21, 58:29<sup>7</sup></b>	<b>1</b>	<b>2</b>										
*58:22	1	2										
<b>*58:23</b>	<b>1</b>	<b>2</b>							9			
*58:25	1		3								11	
<b>*58:26</b>	<b>1</b>											
*58:27	1											
*58:28	1	2										
*58:30	1	2										
*58:31N	1	2										
*58:36, 15:20, 35:01:01:01-35:01:27, 35:01:29, 35:03:01-35:03:10, 35:06-35:07, 35:10, 35:13, 35:15-35:17, 35:19-35:20:02, 35:23, 35:25-35:30, 35:33-35:34, 35:36, 35:38-35:42:02, 35:47-35:50, 35:52, 35:54-35:56, 35:59, 35:62-35:63, 35:65Q, 35:69, 35:71, 35:74, 35:76-35:78, 35:82, 35:84-35:85, 35:90-35:94, 35:101:01-35:101:02, 35:103-35:104, 35:106-35:108:02, 35:110-35:113, 35:115-35:116, 35:120-35:126, 35:128, 35:130N-35:134N, 35:136-35:141, 35:143-35:148, 35:150, 35:152-35:153, 35:155, 35:159-35:161, 35:163, 35:165N-35:166, 35:168-35:171, 35:173N, 35:175, 35:177-35:181, 35:186, 48:02:01, 53:01:01-53:01:05, 53:03-53:05, 53:07, 53:09-53:10, 53:12-53:13, 53:15, 53:17:01-53:18, 53:20-53:23, 53:25-53:27 <sup>8</sup>		2										
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Length of spec.</b>	90	150	240	190	90	170	80	250	160	115	205	235
<b>PCR product(s)</b>				230						270		
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>

*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, 07:68:03, 07:70-07:79, 07:81-07:89, 07:91-07:96:02, 07:98-07:104, 07:106-07:111N, 07:113-07:122, 07:124-07:136, 07:139, 07:141-07:144, 13:31, 15:01:01:01-15:01:04, 15:01:06-15:01:24, 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, 15:208-15:212, 15:215-15:217, 15:219-15:221, 15:225-15:227, 15:229-15:234, 15:236, 15:238, 18:19, 18:21, 18:30, 18:57, 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, 27:79, 27:86, 35:43:01, 35:79, 35:43:02, 37:07, 39:18, 39:36, 40:23, 40:26, 40:32, 40:51, 40:98, 40:148, 40:158, 40:161, 46:01:01-46:05, 46:07N-46:08, 46:10, 46:14-46:17, 46:20, 46:22-46:24, 46:27-46:30, 48:08, 49:01:02, 50:01:03, 54:06, 55:21, 56:03						6						
*07:02:13, 07:68:02, 14:03, 14:12, 54:20, 55:09, 55:52						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, 07:123, 07:138, 07:140, 08:20, 08:53, 08:79, 27:24, 40:05, 40:15-40:16, 40:174, 48:05, 48:15						6						
*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						
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Length of spec.</b>	<b>90</b>	<b>150</b>	<b>240</b>	<b>190</b>	<b>90</b>	<b>170</b>	<b>80</b>	<b>250</b>	<b>160</b>	<b>115</b>	<b>205</b>	<b>235</b>
<b>PCR product(s)</b>				<b>230</b>						<b>270</b>		
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>

*07:25, 07:48, 07:51, 08:07, 08:09, 08:12:01-08:12:03, 08:14, 08:16, 08:30N, 08:69, 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, 13:40-13:42, 13:44-13:47, 13:49N, 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, 15:218Q, 15:222, 15:224, 15:235, 15:237, 18:01:01-18:13, 18:17N-18:18, 18:20, 18:23N-18:29, 18:31-18:43, 18:45-18:50, 18:52-18:56, 18:58-18:68, 27:01-27:03, 27:05:02-27:05:17, 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, 27:70-27:78, 27:80-27:85, 35:60, 37:01:08-37:02, 37:09, 38:01:01-38:09, 38:11-38:19, 38:21-38:31, 38:33-38:37, 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, 39:47-39:68, 40:01:01-40:01:23, 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, 40:27:01-40:27:02, 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, 40:159, 40:162-40:163, 40:165-40:168, 40:170-40:172, 40:175, 40:177-40:180, 41:01, 41:03:01-41:09, 41:12, 41:14, 41:16-41:18, 42:04, 42:06, 42:16, 44:15, 44:18, 44:20, 44:31, 44:41:01-44:41:02, 44:47, 44:53-44:54, 44:65, 44:99-44:100, 44:106, 44:135, 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, 47:01:01:01-47:08, 48:03:01-48:03:02, 48:07, 48:17, 48:21, 48:23, 49:11, 54:01:01-54:05N, 54:07-54:19, 54:21-54:24, 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, 55:50, 56:01:01-56:02, 56:04, 56:07-56:08, 56:10, 56:13-56:20:02, 56:22-56:24, 56:26-56:31, 57:01:05, 57:21, 57:31, 57:47, 59:01:01:01-59:05, 67:01:01-67:03, 82:01-82:03												
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Length of spec.</b>	<b>90</b>	<b>150</b>	<b>240</b>	<b>190</b>	<b>90</b>	<b>170</b>	<b>80</b>	<b>250</b>	<b>160</b>	<b>115</b>	<b>205</b>	<b>235</b>
<b>PCR product(s)</b>				<b>230</b>						<b>270</b>		
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
*07:58, 15:102						<b>6</b>						
*07:137						<b>6</b>						

*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, 08:54-08:68, 08:70-08:78, 08:80, 13:21, 27:07:01-27:07:02, 27:11, 27:33, 27:43, 35:31, 35:87, 37:12, 39:14, 40:02:01-40:02:12, 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, 40:160, 40:164, 40:169, 40:173, 40:176, 41:02:01-41:02:04, 41:10-41:11, 41:13, 41:15, 41:19, 42:01:01-42:02, 42:05:01-42:05:02, 42:07-42:08, 42:10-42:15, 48:01:01-48:01:03, 48:04, 48:06, 48:09-48:13, 48:16, 48:18-48:20, 48:22, 48:24, 48:27, 55:04, 55:49, 55:51, 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, 13:01:01-13:01:06, 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, 13:43, 13:50-13:52, 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, 37:14-37:31, 38:20, 39:42, 44:02:01:01-44:03:14, 44:05:01-44:14, 44:16-44:17, 44:19N, 44:21-44:27:02, 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, 44:107-44:117, 44:119-44:134, 44:136-44:137, 44:139, 51:42, 56:09, 56:11, 57:01:01-57:01:04, 57:01:06-57:01:10, 57:01:12, 57:06, 57:08, 57:10, 57:15-57:16, 57:18, 57:20, 57:23-57:27, 57:29, 57:32-57:38, 57:40-57:41, 57:43-57:45, 57:48-57:52	2											
*13:13, 44:62, 44:77, 44:82, 56:12, 57:03:01-57:03:02, 57:07, 57:17, 57:39, 57:46	2											
*13:16, 13:48, 14:01:01-14:02:06, 14:04-14:09, 14:11, 14:14-14:18, 14:20-14:26, 14:28, 15:03:02, 15:39:02, 15:42, 18:15, 38:10, 38:32, 39:35, 40:95, 49:01:01, 49:01:03-49:05, 49:07-49:10, 49:12-49:20, 50:01:01-50:01:02, 50:02, 50:04-50:15, 52:07, 55:01:01-55:01:08, 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, 55:53, 56:06, 56:25, 56:32					6	7						
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Length of spec.</b>	<b>90</b>	<b>150</b>	<b>240</b>	<b>190</b>	<b>90</b>	<b>170</b>	<b>80</b>	<b>250</b>	<b>160</b>	<b>115</b>	<b>205</b>	<b>235</b>
<b>PCR product(s)</b>				<b>230</b>						<b>270</b>		
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
*13:20, 15:13:02, 44:79, 48:25, 55:14		<b>2</b>				<b>6</b>	<b>7</b>					
*14:10		<b>2</b>				<b>6</b>	<b>7</b>			<b>10</b>		
*14:13						<b>6</b>	<b>7</b>					
*14:19, 14:27			<b>3</b>			<b>6</b>	<b>7</b>					



*48:14					5								
*49:06						6	7						
*51:01:01-51:01:24, 51:01:26-51:02:04, 51:03, 51:06:01-51:07:02, 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-51:107, 51:109-51:114, 51:116-51:119, 51:121, 51:123-51:125, 52:01:01:01-52:01:06, 52:01:08-52:02, 52:04-52:06:02, 52:08-52:09, 52:11-52:18, 52:20, 52:22-52:23, 52:25-52:27, 56:05:01-56:05:02, 56:21, 78:01:01-78:03, 78:05-78:07						6	7						
*51:04, 51:46, 51:56:01-51:56:02		2				6	7			10			
*51:29, 51:55, 51:82, 52:24						6	w						
*51:53, 51:120							7						
*51:64						6	7						
*55:54							7						
*57:02:01-57:02:02, 57:05, 57:12, 57:42		2											
*57:09		2				6							
*57:11			3								11		
*83:01		2											
A*02:01:33										9			
A*24:64, C*01:06, C*16:43											w		
C*01:35, C*03:17, C*03:71, C*14:20			3										
C*01:49-01:50, C*03:28, C*03:49, C*03:117, C*04:80, C*04:100, C*05:10, C*15:08													
C*03:119, C*07:165							7						
C*07:81, C*07:168						5							
C*15:18, C*15:39										10			
C*15:24													
HLA-B allele <sup>4,5</sup>													
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.
13					18							*58:17N
13				17		19						*58:18
13												*58:19
	14											*58:20
13							20					*58:21, 58:29 <sup>7</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
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				225	140		170			260		PCR product(s)
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				225	140		170			260		PCR product(s)
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				225	140		170			260			PCR product(s)
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				225	140		170			260		<b>PCR product(s)</b>	
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