

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	
HLA-B allele ^{1,2,3}																																	
*58:01:01-58:01:19, 58:01:21-58:01:34, 58:32-58:34, 58:37, 58:41-58:42, 58:45:01-58:45:02, 58:47-58:50, 58:53-58:56, 58:63-58:64, 58:67-58:71, 58:73, 58:75, 58:77, 58:79-58:83, 58:85-58:90, 58:92, 58:94N-58:99, 58:101-58:103, 58:107-58:113, 58:115-58:120	1	2											13																				
*58:01:20	1	2											13															28					
*58:02:01-58:02:02, 58:38, 58:43, 58:60, 58:104	1		3								11		13																				
*58:04		2		4									13																				
*58:05	1	2			5								13																				
*58:06, 58:46	1		3			6	7						13																				
*58:07			3					8			11		13																				
*58:08:01	1					6	7		9				13														27		29				
*58:08:02	1					6	7						13														27		29				
*58:09, 58:76	1	2								10			13																				
*58:10N, 58:13 ⁴	1	2										12	13																				
*58:11	1	2												14																			
*58:12	1	2											13		15						21												
*58:14	1	2											13																				
*58:15	1	2		4									13																				
*58:16:01-58:16:02	1												13															28					
*58:17N	1	2											13					18															
*58:18	1												13					19										28					
*58:19, 58:91	1	2				6	7						13																				
*58:20	1													14																29			
*58:21, 58:29 ⁴	1	2											13							20													
*58:22	1	2											13				17																
*58:23	1	2							9				13																				
*58:24	1	2								10			13																				
*58:25	1		3								11		13					18															
*58:26	1												13									23											
*58:27	1												13			16													29				
*58:28:01-58:28:02, 58:65	1	2											13			16																	
*58:31N	1	2											13									23											
*58:35	1	2											13												25	26							
*58:36		2											13		15																		
*58:39N		2											13							20											31		
*58:40	1	2											13										24										
*58:44		2							9				13																				
*58:51	1	2											13								22												
*58:52	1	2											13									23			25								
*58:57	1	2											13											25									
*58:58, 58:66 ⁴	1	2											13												26								
*58:59:01-58:59:02, 58:114	1	2											13																29				
*58:61	1												13																				
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	

Negative Control

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
*58:62	1	2											13																	30		
*58:72N	1	2							9				13											24								
*58:74	1	2							9				13		15																	
*58:78	1	2											13																			
*58:84	1	2				6							13			16	17															
*58:93N	1	2											13																		31	
*58:100		2											13																	30		
*58:105-58:106	1	2																														
*07:02:01:01-07:02:34, 07:02:36-07:04:02, 07:07:01-07:08:02, 07:10, 07:13, 07:15-07:16, 07:19-07:24, 07:26-07:31, 07:33:01-07:33:03, 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, 07:124-07:136:02, 07:139:01-07:139:02, 07:141-07:154, 07:156-07:161N, 07:165-07:175, 07:177-07:181N, 07:183-07:198, 07:200, 07:203-07:205, 07:208, 07:211-07:212, 07:214-07:218, 07:221, 07:224, 07:228:01-07:234, 07:236, 07:238-07:247, 07:250-07:257, 07:259-07:260, 07:263, 07:265-07:268, 07:271-07:277, 07:279-07:282, 07:285N-07:286, 07:288-07:292, 07:294-07:300, 07:302-07:303:02, 07:305-07:316N, 07:318N-07:323, 07:325N-07:331, 07:334-07:339, 07:341-07:345, 07:347-07:348, 07:351N, 07:354-07:355, 07:360Q-07:362, 07:364-07:367, 07:369-07:377, 07:379-07:385, 07:388, 07:390-07:394, 08:156, 13:31, 13:128, 13:131, 14:02:07, 15:01:01:01-15:01:04, 15:01:06-15:01:60, 15:03:01:01-15:03:01:07, 15:03:03, 15:03:05-15:04:04, 15:06, 15:08:01-15:12:03, 15:14-15:16:04, 15:18:01:01-15:19, 15:23-15:24:02, 15:26N-15:30:01:03, 15:32:01-15:35, 15:37-15:39:01:02, 15:40:01-15:40:02, 15:43, 15:45-15:47:02, 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, 15:78:01:01-15:79N, 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, 15:125:01-15:125:02, 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, 15:166-15:167, 15:169, 15:171-15:175, 15:178, 15:180-15:184, 15:187, 15:189-15:193, 15:195, 15:197:01, 15:198-15:199, 15:201-15:203, 15:205-15:206, 15:209N-15:212, 15:215, 15:217, 15:219-15:221, 15:225-15:227, 15:229, 15:231-15:234, 15:236, 15:238-15:239, 15:241-15:249, 15:251:01-15:264, 15:266-15:267, 15:269-15:270, 15:272N, 15:274, 15:276-15:282, 15:285-15:288, 15:290, 15:292-15:296, 15:298-15:300, 15:303-15:304N, 15:306-15:307, 15:309-15:311, 15:313-15:318, 15:320-15:323, 15:326-15:327, 15:333-15:340, 15:342-15:344, 15:346-15:347, 15:349:01-15:355, 15:359, 15:362-15:365, 15:367-15:373, 15:375N-15:377Q, 15:379-15:382, 15:384-15:392, 15:395, 15:397-15:398, 15:400N-15:401, 15:406, 15:408-15:410, 15:412-15:414, 15:416-15:417, 15:419, 15:422, 15:426-15:430, 15:432-15:434, 15:436, 15:439-15:445, 15:447-15:448, 15:451-15:453, 15:455-15:457, 15:459, 15:461, 15:464-15:467, 15:469-15:484, 15:486-15:490, 15:492-15:494, 15:496N-15:498, 15:501-15:504, 15:506, 15:508-15:509, 15:511-15:515, 15:517, 15:520Q-15:522, 15:525-15:531, 15:533-15:536, 15:538, 15:540N-15:542, 15:545, 15:547-15:551, 15:553-15:554, 15:556, 18:19, 18:21, 18:30, 18:57:01, 18:101, 18:164, 27:04:01-27:04:06, 27:06:01:01-27:06:01:02, 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, 27:91-27:92, 27:100, 27:103, 27:105-27:109, 27:112-27:115, 27:120, 27:138, 27:149, 27:165, 27:168, 27:173, 27:183, 27:192, 27:210-27:211, 27:214, 35:43:01, 35:43:03-35:44, 35:79, 35:135, 35:185, 37:07, 39:18, 39:36, 40:23, 40:26, 40:32, 40:51, 40:98, 40:148, 40:158, 40:161, 40:183, 40:198, 40:355, 46:01:01:01-46:05, 46:07N-46:08, 46:10, 46:14-46:17, 46:20, 46:22-46:24, 46:26-46:32, 46:34-46:42, 46:44-46:66, 46:68-46:79N, 46:81, 47:10, 48:08, 49:01:02, 49:01:14, 49:22, 50:47, 50:66, 51:220, 54:06, 54:33, 55:21, 55:56, 56:03																																
*07:02:35, 07:68:02, 14:12, 14:47, 49:41, 50:32, 54:20, 55:09, 55:52						6	w						14																			
*07:05:01:01-07:06:03, 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, 07:176, 07:182N, 07:201N, 07:206-07:207, 07:210, 07:213, 07:222, 07:249, 07:258, 07:264, 07:269-07:270, 07:278, 07:283-07:284, 07:293, 07:304, 07:317, 07:324, 07:333, 07:340, 07:349, 07:352-07:353, 07:356-07:358, 07:368, 07:378, 07:387, 07:389, 07:395, 08:20:01, 08:53:01-08:53:02, 08:79, 15:324, 15:329, 27:24, 40:05:01:01-40:05:01:03, 40:15-40:16:01:02, 40:174, 40:309, 48:05, 48:15						6							14		16																	
*07:09:01-07:09:02, 07:11, 07:17, 07:237, 07:287, 15:07:01:01-15:07:03, 15:68, 15:126, 15:197:02, 15:207, 15:331, 15:360, 15:405, 15:431, 15:450, 15:524, 46:12						6							14				19															
*07:12, 07:14, 07:18:01-07:18:02, 07:162-07:163, 07:199, 07:225, 07:227, 07:248, 07:350						6							14			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	25	26	27	28	29	30	31	32
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

Negative Control

07:25, 07:48, 07:51, 07:155, 07:164, 07:202, 07:220, 07:223, 07:226, 07:261, 07:301, 07:346, 07:363, 07:386N, 08:07, 08:09, 08:12-01-08:12:03, 08:14, 08:16, 08:30N, 08:69, 08:84, 08:87, 08:89, 08:107, 08:111, 08:184, 08:195, 08:200, 08:227, 08:232, 13:02-01-01-13:02:28, 13:02-30-13:04, 13:08-13:11, 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, 13:53-13:56:02N, 13:58-13:59, 13:64-13:70, 13:72, 13:74-13:75, 13:81-13:82, 13:84-13:85, 13:88-13:89, 13:91, 13:93-13:94, 13:96-13:105, 13:111-13:121, 13:123Q-13:127, 13:130, 13:132-13:134, 13:136-13:137N, 13:139N, 14:56, 15:05:01-15:05:03, 15:31:01-01-15:31:01:03, 15:48, 15:51-15:52, 15:75, 15:83:01-01-15:84, 15:86, 15:91, 15:105, 15:107, 15:111N, 15:114, 15:123, 15:136, 15:145, 15:151, 15:155, 15:176, 15:179:01-15:179:02, 15:185-15:186, 15:188, 15:200, 15:218Q, 15:222, 15:224, 15:235, 15:237, 15:275:01-15:275:02, 15:312, 15:332, 15:348, 15:415, 15:449, 15:485, 15:499, 15:518, 15:539, 15:552, 18:01:01-01-18:13, 18:17N-18:18:01:02, 18:20, 18:23N-18:29, 18:31-18:43, 18:45-18:50, 18:52-18:56, 18:58-18:58, 18:70-18:87, 18:89-18:100, 18:102-18:104, 18:106-18:148, 18:151, 18:153-18:163, 18:165-18:189, 27:01-27:03, 27:05:02-01-27:05:30, 27:05:32-27:05:46, 27:08-27:09, 27:12:01-01-27:14, 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, 27:87-27:90:04, 27:93-27:99, 27:101-27:102, 27:104, 27:110-27:111, 27:116-27:119, 27:121-27:126, 27:128-27:137, 27:139-27:148, 27:151-27:152, 27:154-27:163, 27:166-27:167, 27:169-27:172, 27:174-27:179, 27:181-27:182, 27:184-27:186, 27:188-27:191, 27:193-27:196, 27:198-27:207, 27:209, 27:212N-27:213, 27:215N-27:218, 27:220-27:221, 35:32:03, 35:60, 37:01:08, 37:01:10, 37:02, 37:09, 37:44, 37:51, 37:81, 38:01:01-01-38:09, 38:11-38:18, 38:21-38:31, 38:33-38:42, 38:44-38:86, 38:156-38:162, 39:01:01-01-39:01:01:12, 39:01:03-01-39:02:03, 39:04-39:13:02, 39:15-39:17, 39:19:01-39:20, 39:22-39:23, 39:25N-39:28, 39:30-39:34, 39:38Q-39:41, 39:43-39:45, 39:47-39:75, 39:77-39:105, 39:108-39:119, 39:121-39:143, 39:145-39:151, 39:153-39:160, 40:01:01-40:01:60, 40:01:62-40:01:67, 40:02:16, 40:06:01-01-40:06:07, 40:06:09-40:07, 40:09-40:12:02, 40:14:01-40:14:03, 40:18, 40:20:01-01-40:22N, 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, 40:112-40:114:02, 40:116-40:118N, 40:120-40:121, 40:123-40:128, 40:130:01-40:132, 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, 40:182, 40:184-40:188, 40:190-40:197, 40:199, 40:204, 40:207-40:208, 40:210, 40:212-40:213, 40:215-40:218, 40:221, 40:223, 40:225:01-40:225:02, 40:227-40:228, 40:230-40:231, 40:233-40:235, 40:238-40:242, 40:244-40:245, 40:247, 40:249-40:253, 40:256N-40:265N, 40:268-40:270, 40:273, 40:275, 40:277-40:282, 40:285-40:286N, 40:288, 40:294-40:295, 40:298:01-40:301, 40:306-40:308, 40:310-40:319, 40:321, 40:323:01-40:330, 40:332-40:333, 40:336, 40:338N-40:342, 40:344, 40:346, 40:348-40:354, 40:357-40:358, 40:360-40:367, 40:370, 40:372N-40:374, 40:376-40:377, 40:379-40:383, 40:385-40:389, 40:391-40:398, 40:400-40:404, 40:406-40:408, 40:411, 40:414, 40:416-40:417, 40:419, 40:421Q, 40:423-40:431, 40:433-40:434, 40:436, 40:439, 40:443, 40:445-40:449, 41:01:01-01-41:01:07, 41:03:01-41:09, 41:12, 41:14, 41:16-41:18, 41:20-41:22, 41:25-41:26, 41:28-41:30, 41:32-41:35, 41:37, 41:44, 41:50, 41:53-41:54, 41:56-41:57, 41:59-41:61, 41:63, 42:04, 42:06, 42:16, 42:20, 44:02:34, 44:02:58, 44:15:01-01-44:15:01:02, 44:18, 44:20, 44:31, 44:41:01-44:41:02, 44:47, 44:53:01-44:54, 44:65, 44:99-44:100, 44:106, 44:135, 44:158, 44:182, 44:192:01-44:193, 44:197, 44:230, 44:236, 44:305, 44:339, 44:343, 45:01:01-01-45:25, 46:06, 46:09, 46:11, 46:13:01-46:13:03, 46:18-46:19, 46:21:01-46:21:02, 46:25, 47:01:01-02-47:09,

[illegible]

[illegible]

[illegible]

*57:01:11, 57:91	2														15															29		
*57:01:20	2							9							14	15														29		
*57:01:23, 57:16, 57:20, 57:36, 57:62, 57:89, 57:109	2														14															29		
*57:02:01-57:02:02, 57:12, 57:42	2														14	15	16	17											29			
*57:03:01:01-57:03:05, 57:07, 57:17, 57:39, 57:46, 57:66, 57:70, 57:80, 57:84, 57:94, 57:96, 57:101, 57:124	2														14	15	16												29			
*57:04:01, 57:04:03, 57:19, 57:28N, 57:30	2														14	15		17											29			
*57:04:02	2														14			17											29			
*57:05	2														14	15	16	17											29			
*57:09, 57:57	2				6										14	15	16												29			
*57:11		3								11					14	15													29			
*57:13					6										14	15		17											29			
*57:14:01-57:14:02	2									10					14	15										27			29			
*57:22	2				6										14	15													29			
*57:45, 57:51, 57:69	1	2													14														29			
*57:59		2			5										14	15													29			
*57:63		2			6										14	15	16	17											29			
*57:82															14	15												28	29			
*57:120	1	2													14										21				29			
A*01:41, C*01:49:01-01:50, C*01:176, C*03:28, C*03:49, C*03:117, C*03:251, C*03:293, C*04:80, C*04:100, C*04:110, C*04:370, C*05:10, C*05:148, C*08:126, C*14:54, C*15:08:01-15:08:02, C*15:143, C*15:148																		17														
A*02:01:33									9																							
A*02:42:01-02:42:02, A*02:310																15																
A*24:64, C*01:06, C*14:71, C*16:43										w																						
C*01:35, C*01:107, C*03:17:01-03:17:02, C*03:71, C*03:249, C*03:271, C*03:302, C*06:96, C*06:197, C*12:122, C*14:20, C*16:149			3																													
C*02:60, C*06:264, C*07:294, C*07:526:01, C*07:530, C*07:681																									19							
C*03:141, C*03:233, C*03:384, C*15:18, C*15:39, C*15:130, C*15:195										10																						
C*06:79N, C*06:153, C*12:175, C*14:02:32, C*14:53											11																					
C*06:165, C*14:61							8																									
C*07:81, C*07:168, C*07:450					5																											
C*15:51																16	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	25	26	27	28	29	30	31	32

Negative Control

Negative Control