

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
DQA1 or DQB1 allele^{1,2}																						
DQA1*01:01:01-01:01:15N									9													
DQA1**02:01:01-01:02:01:02	1							8														
DQA1*03:01:01, 03:01:03		2						8														
DQA1*03:02-03:03:02		2																				
DQA1*05:01:01-05:01:02			3		5																	
DQA1*05:02			3	4	5	?				?												
DQA1*05:03, 05:06-05:07			3	4	5																	
DQA1*05:04			3	?						?												
DQA1*05:05:01-01:05:05:01:08, 05:08, 05:11			3		5	6				10												
DQA1*05:09			3		5	6	7															
DQA1*05:10						?				?												
DQB1*02:01:01-02:01:06, 02:01:08-02:01:20, 02:01:22-02:01:24, 02:04-02:05, 02:07:01-02:09, 02:13-02:16, 02:18N-02:25, 02:27-02:36, 02:38-02:39, 02:41-02:47, 02:49, 02:51-02:61, 02:63, 02:66-02:71, 02:73-02:76, 02:78-02:79, 02:81-02:83, 02:85-02:88, 02:90-02:94											11		13		15							
DQB1*02:01:07, 02:01:21, 02:17, 02:37											11		13									
DQB1*02:02:01-01-02:02:04, 02:06, 02:10-02:12, 02:26, 02:50, 02:62, 02:64-02:65											11	12			15							
DQB1*02:03											11	12			14							
DQB1*02:40, 02:72													13		15							
DQB1*02:48, 02:80, 02:84, 02:89											11				15							
DQB1*02:77											11		13	14								
DQB1*03:01:01-03:01:07, 03:01:09-03:01:33, 03:01:35-03:01:37, 03:10:01-03:10:02, 03:16, 03:21-03:22, 03:27-03:29, 03:35-03:36, 03:42, 03:44, 03:46-03:47, 03:49-03:51, 03:73, 03:83-03:84N, 03:92-03:94, 03:114-03:116, 03:119, 03:139, 03:169, 03:180, 03:182, 03:186, 03:191, 03:195-03:198, 03:206, 03:241-03:243, 03:246, 03:252-03:254														13				18		20		
DQB1*03:01:08, 03:05:01-03:05:04, 03:72, 03:100, 03:132, 03:181, 03:250, DQB1*04:01:03, 04:09													13					18				
DQB1*03:01:34, DQB1*04:01:01-04:01:02, 04:01:04-04:02:12, 04:04-04:08, 04:10-04:40, DQB1*05:01:01-01:05:02:10, 05:02:12-05:13, 05:15-05:83, 05:85-05:147, DQB1*06:01:01-06:02:04, 06:02:06-06:03:09, 06:03:11-06:03:25, 06:04:01-06:04:06, 06:04:08-06:18:02, 06:20-06:28, 06:30-06:37, 06:39-06:50, 06:51:02-06:62, 06:64-06:65, 06:67-06:85, 06:88-06:95, 06:97-06:101, 06:105-06:122, 06:124-06:138, 06:140-06:167, 06:169-06:171, 06:173-06:189, 06:190:02-06:217, 06:219, 06:221-06:226, 06:228-06:236													13									
DQB1*03:02:01-01-03:02:09, 03:02:12-03:02:13, 03:02:15-03:02:24, 03:32, 03:45, 03:85, 03:190, 03:211, 03:245, 03:247, 03:251, 03:263													13		15	16		18			21	
DQB1*03:02:10, 03:02:14													13			16		18			21	
DQB1*03:02:11, 03:199													13		15			18			21	
DQB1*03:03:02:01-03:03:04, 03:03:06-03:03:13, 03:25:01, 03:30-03:31, 03:33-03:34, 03:38-03:39, 03:41, 03:43, 03:86-03:89, 03:91Q, 03:95N-03:96, 03:98-03:99Q, 03:117, 03:168, 03:200, 03:222, 03:239, 03:248-03:249													13	14		16		18				
DQB1*03:03:05, 03:90N, 03:113													13	14				18				
DQB1*03:04:01-03:04:03, 03:09, 03:80, 03:138													13				17	18		20		
DQB1*03:06, 03:12, 03:15, 03:20, 03:25:02-03:26, 03:40, 03:65, 03:112, 03:123-03:124, 03:126, 03:136-03:137, 03:145, 03:149, 03:155-03:156, 03:176-03:177, 03:209, 03:212, 03:227, 03:230, 03:234, 03:238													13	14		16		18	?			
DQB1*03:07, 03:64, 03:184, 03:205, 03:214, 03:220, 03:240													13		15			18	?		21	
DQB1*03:08, 03:18, 03:37, 03:63, 03:66N-03:68, 03:70, 03:106-03:107, 03:125, 03:146, 03:153, 03:161, 03:174-03:175, 03:178-03:179, 03:185, 03:203-03:204, 03:210, 03:213N, 03:215, 03:221, 03:223-03:224, 03:228-03:229, 03:233, 03:237N, 03:261													13		15	16		18	?		21	
DQB1*03:11													13		15	16	17	18	?		21	
DQB1*03:13, 03:48, 03:52-03:60, 03:69, 03:71, 03:75-03:77, 03:82, 03:101-03:103, 03:108, 03:118N, 03:120-03:122, 03:127-03:131, 03:133-03:135, 03:140, 03:142-03:144, 03:147-03:148, 03:152, 03:157-03:160, 03:162-03:163, 03:166-03:167, 03:170-03:173, 03:183, 03:187-03:188, 03:192-03:194, 03:201-03:202, 03:207-03:208, 03:216, 03:218-03:219, 03:231-03:232, 03:235-03:236, 03:255-03:257, 03:260													13					18	?	20		
DQB1*03:14:01-03:14:02													13				17	18	?	20		
DQB1*03:17:01-03:17:02, 03:23:01, 03:61, 03:78, 03:151, 03:226, 03:244, 03:259, 03:262													13					18	?			
DQB1*03:19:01-03:19:02, 03:150													13					18	19	20		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
DQB1*03:23:02, 03:110, 03:217													13			16		18	?			
DQB1*03:24, 03:164																		18		20		

Negative Control

DQB1*03:62, 03:81, 03:225														13	15	16	18	?				
DQB1*03:74, 03:111, 03:141														13	14		18	?				
DQB1*03:79, 03:97															14	16	18					
DQB1*03:104, 03:258														13	14	16		?				
DQB1*03:105, DQB1*04:03:01-04:03:02, DQB1*06:03:10, 06:168														13	14	16						
DQB1*03:109, 03:154														13				?				
DQB1*03:165																	18	?	20			
DQB1*03:189														13		15	16		?		21	
DQB1*06:02:05, 06:03:26, 06:04:07, 06:19:01-06:19:02, 06:87, 06:190:01														13		16						
DQB1*06:29, 06:123														13		15					21	
DQB1*06:51:01, 06:66, 06:96, 06:172														13	14							
DQB1*06:63														13		15	16					
DQB1*06:139														13		15	16				21	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

Negative Control