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	33	34	35
DQA1 allele[1,2,3]																																			
***01:01:01:01-01:01:01:03, 01:01:01:05**-01:01:06, 01:01:08-01:01:12, 01:01:15-01:01:16, 01:27, 01:49, 01:66:01:01-01:66:01:02, 01:67:02, 01:88N-01:89, 01:99, 01:120, 01:122Q, 01:126, 01:130, 01:156, 01:166, 01:169	1	2						8					13											24							31				Negative Control
*01:01:07	1	2						8					13											24											
*01:01:13	1	2						8																24							31				
*01:01:14	1							8					13											24							31				
***01:02:01:01-01:02:03**, 01:02:05-01:02:14, 01:02:16-01:02:17, 01:02:19-01:02:21, 01:02:23-01:02:28, 01:19:01:01-01:19:01:02, 01:21, 01:23, 01:25, 01:38:01:01-01:38:01:02, 01:41, 01:51:01:01-01:51:01:02, 01:54, 01:58, 01:106, 01:124-01:125, 01:127-01:129, 01:132:02-01:133Q, 01:140, 01:142-01:145, 01:150-01:151, 01:163, 01:167-01:168, 01:171, 01:174-01:175		2	3					8					13											24											
***01:02:04**, 01:02:15, 01:158		2	3										13											24											
*01:02:18		2	3					8					13																						
*01:02:22, 01:48		2	3					8																24											
***01:03:01:01**-01:03:01:18, 01:03:03-01:03:05, 01:03:08-01:03:12, 01:30, 01:44-01:45, 01:57, 01:70, 01:76, 01:82, 01:84, 01:87:01:01-01:87:01:02, 01:102, 01:108, 01:119, 01:121, 01:123, 01:136N, 01:138, 01:146-01:147, 01:170, 01:176			3	4				8					13											24											
*01:03:02, 01:68, 01:78-01:79, 01:97, 01:139, 01:159, 01:162, 01:173			3	4	?			8					13											24											
*01:03:06			3	4				8					13											24							31				
*01:03:07			3	4									13											24											
***01:04:01:01**-01:04:02:02, 01:04:04-01:04:07, 01:04:09-01:04:10, 01:53, 01:64:01-01:64:02, 01:80, 01:86, 01:107, 01:131, 01:165, 01:177	1	2			5	6							13											24											
*01:04:03	1	2			5	6		8					13											24											
*01:04:08	1	2			5	6																		24											
*01:05:01:01-01:05:02:02, 01:05:04-01:05:05, 01:22, 01:137, 01:155, 01:164	1	2			5								13											24							31				
*01:05:03		2			5								13											24							31				
***01:06**		2	3					8					13											24								32			
***01:07Q**	1	2			5	6							13											24	25										
***01:08**		2	3		?	?		?					13											24		26					?				
***01:09**		2	3		?	?		?					13											24							?		33		
***01:10:01**-01:10:02			3	4				8					13		15									24											
***01:11**		2	3					8					13											24			27								
***01:12**	1	2			5								13											24		26					31				
***01:13**		2	3		?	?		?					13											24	25						?				
***01:14**			3	4				8					13											24				28							
***01:15N**			3	4	?	?		?					13						19					24							?				
***01:16N**		2	3					8					13											24										34	
*01:17, 01:33			3	4	?			?					13											24											
*01:18, 01:26, 01:34-01:35	1	2			?	?		?					13											24							?				
*01:20, 01:28, 01:31-01:32, 01:40Q		2	3		?			?					13											24											
*01:24			3	4				8					13											24	25										
*01:29	1	2			?	6		?					13											24											
*01:36		2	3		?	?		?					13											24							?				
*01:37	1	2			?			?					13											24							31				
*01:39, 01:100:01-01:100:02		2	3		5								13											24											
*01:42		2	3		?	?		?					13		15									24							?				
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**	**33**	**34**	**35**
*01:43	1	2						8					13											24	25						31				
*01:46		2	3		5	?		8					13											24							?				
*01:47			3	4	5	?		8					13											24							?				
*01:50			3	4	?	?		8					13											24							?				
*01:52, 01:62, 01:81, 01:105, 01:116		2	3		?	?		8					13											24							?				
*01:55, 01:59-01:60, 01:67:01, 01:77, 01:90, 01:95, 01:112, 01:118, 01:148, 01:153, 01:160-01:161	1	2			?			8					13											24							31				
*01:56, 01:61	1	2			?	?		8					13											24							?				
*01:63:01:01-01:63:01:02		2	3					8					13											24							31				
*01:65			3	4	5								13											24											
*01:69, 01:71-01:73, 01:75, 01:85, 01:91-01:94, 01:103, 01:109, 01:111, 01:115, 01:132:01, 01:134-01:135, 01:141, 01:152, 01:178-01:180		2	3		?			8					13											24											

*01:74, 01:83, 01:96, 01:98, 01:110, 01:117, 01:149, 01:154	1	2			?	6		8					13										24										
*01:101			3		?			8					13										24										
*01:104		2	3			6		8					13										24										
*01:113N			3	4				8					13																				
*01:114	1	2			5			8					13										24							31			
*01:157	1	2				6		8					13										24										
*01:172	1	2			5								13										24										
***02:01:01:01**								8	9				13										w										
***02:01:01:02**-02:01:01:12, 02:01:03-02:01:16, 02:01:18-02:01:25, 02:03-02:05, 02:07-02:15, 02:18-02:50								8	9				13										24										
***02:01:02**								8	9														24										
*02:01:17									9				13										24										
***02:02N**								8	9				13								22		24										
*02:16								8					13										24										
*02:17								8	9			12											24										
*03:01:01:01, 03:01:01:03-03:01:01:07, **03:01:03**-03:01:18, 03:06, 03:10, 03:12, 03:15, 03:22, 03:25, 03:27N, 03:29-03:30, 03:36, 03:40-03:41, 03:44, 03:47, 03:52-03:53, 03:55, 03:57, 03:59N, 03:61, 03:64, 03:66, 03:70, 03:72-03:73, 03:78, 03:80-03:81, 03:83-03:84								8		10			13										24										Negative Control
***03:02:01:01**-03:02:01:02, 03:02:01:04-03:02:03, 03:02:05-03:02:06, 03:07, 03:13, 03:50Q, 03:75								8		10	11	12											24										
*03:02:04, 03:03:01:01-03:03:03, 03:03:05-03:03:10, 03:08-03:09, 03:11, 03:14, 03:17, 03:19-03:21, 03:23-03:24, 03:26, 03:28, 03:31-03:35, 03:37-03:39, 03:42-03:43, 03:45-03:46, 03:48-03:49, 03:51, 03:54, 03:56, 03:58N, 03:62, 03:65, 03:67-03:69, 03:71, 03:74, 03:76-03:77, 03:79, 03:82								8		10		12											24										
*03:03:04										10		12											24										
***03:04**								8		10		12											24					29					
*03:05, 03:16								8		10			?										24										
*03:18								8		10	11		13										24										
*03:60								8		10	11												24										
*03:63								8		10	11	12											24							31			
***04:01:01:01**-04:01:01:14, 04:01:03-04:01:05, 04:01:08-04:01:11, 04:06-04:09, 04:11-04:12N, 04:14N, 04:16-04:20, 04:22-04:23, 04:26								8					13	14								23	24										
***04:01:02:01**-04:01:02:04, 04:10, 04:13, 04:21Q, 04:24								8						14								23	24										
*04:01:06								8					13	14									24										
*04:01:07													13	14								23	24										
***04:02**, 04:15								8					13	14								23	24		26								
***04:03N**								8					13									23	24			27							
***04:04**								8					13	14								23	24				28						
***04:05**								8					13	14						20		23	24										
*04:25								8					13	14							21	23											
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	33	34	35
***05:01:01:01-05:01:02**, 05:01:05-05:01:12, 05:01:14-05:01:21, 05:16, 05:18-05:19, 05:23, 05:31, 05:33, 05:38, 05:48, 05:52, 05:54:01Q, 05:55, 05:70-05:71, 05:74, 05:78, 05:83-05:85N, 05:88:02, 05:101, 05:105, 05:110, 05:113, 05:115, 05:122								8					13	14	15		17		19					24										
***05:01:04**								8						14	15		17		19					24										
*05:01:13								8					13	14	15		17							24										
***05:02**								8					13	14	15	16	17		19		21								29					
***05:03:01:01**-05:03:03, 05:96								8					13	14	15			18	19					24										
***05:04**								8					13	14	15		?	?		20	?			?										
***05:05:01:01**-05:05:09, 05:05:13:01-05:05:13:02, 05:05:15-05:05:20, 05:05:22-05:05:24, 05:14, 05:20, 05:24-05:25, 05:29Q, 05:35:02, 05:53, 05:58-05:59, 05:72-05:73, 05:75, 05:79, 05:81, 05:89-05:91, 05:102-05:103, 05:106, 05:108, 05:111, 05:116Q-05:118:01:02, 05:120-05:121, 05:123								8					13	14	15		17		19		21												
*05:05:10, 05:119								8					13	14	15		17				21												
*05:05:11								8					13	14			17		19		21		23										
*05:05:12:01-05:05:12:02								8						14	15		17		19		21												
*05:05:14:01-05:05:14:02, 05:13													13	14	15		17		19		21												
*05:05:21								8					13		15		17		19		21												
***05:06:01:01**-05:06:02, 05:82								8					13	14	15			18	19					24						30				
***05:07**								8					13	14	15	16		18	19					24										Positive Control

***05:08:01**-05:08:02							**7**	**8**					**13**	**14**	**15**		**17**		**19**		**21**														**Negat**
*05:09:01:01-05:09:02								**8**					**13**	**14**	**15**		**17**		**19**		**21**				**25**										
***05:10**								**8**					**13**	**14**			**17**				**?**			**?**										**34**	
*05:11:01:01-05:11:01:02								**8**					**13**	**14**	**15**		**17**		**19**		**21**									**30**					
*05:12, 05:15N, 05:17N, 05:22, 05:26-05:28, 05:30, 05:32, 05:35:01, 05:37, 05:39-05:46, 05:50, 05:54:02Q, 05:60-05:64, 05:66-05:69, 05:76, 05:80, 05:86, 05:88:01, 05:92, 05:94-05:95, 05:97-05:100, 05:104, 05:109, 05:114								**8**					**13**	**14**	**15**		**17**		**19**		**?**			**24**											
*05:21								**8**					**13**	**14**	**15**				**19**		**21**														
*05:34								**8**					**13**		**15**		**17**		**19**		**?**			**24**											
*05:36N, 05:107								**8**					**13**	**14**			**17**		**19**					**24**											
*05:47					**5**								**13**	**14**	**15**		**17**		**19**					**24**											
*05:49								**8**					**13**	**14**	**15**		**17**		**19**					**24**	**25**										
*05:51								**8**					**13**	**14**			**17**		**19**		**21**														
*05:56								**8**					**13**	**14**	**15**		**17**		**19**					**24**							**31**				
*05:57													**13**	**14**	**15**		**17**		**19**																
*05:65:01:01-05:65:01:03								**8**					**13**	**14**	**15**		**17**		**19**		**21**										**31**				
*05:77, 05:87								**8**					**13**	**14**	**15**			**18**	**19**		**?**			**24**											
*05:93								**8**					**13**		**15**		**17**		**19**		**?**	**22**		**24**											
*05:112					**5**								**13**	**14**	**15**		**17**		**19**		**21**														
***06:01:01:01**-06:01:04, 06:03-06:12								**8**					**13**									**22**	**23**	**24**											
***06:02**								**8**					**13**									**22**	**23**	**24**		**26**									
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**	**33**	**34**	**35**