

INTERPRETATION TABLE

DQB1*06 SSP subtyping

Amplification patterns of the DQB1*06:01 to 06:47 alleles

	Well ⁵														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	220	210	185	130	160	170	210	175	130	260	210	180	185	130	100
PCR product(s)															185
Length of int.	515	430	430	430	430	515	515	430	430	515	430	430	430	430	430
pos. control ¹															
5'-primer(s) ²	26(173)	30(184)	9(122)	27(177)	9(122)	27(177)	30(184)	27(177)	27(177)	14(136)	30(184)	27(177)	9(122)	27(177)	9(122)
	5'-TTA ^{3'}	5'-gAT ^{3'}	5'-gTT ^{3'}	5'-gTA ^{3'}	5'-gTA ^{3'}	5'-gTA ^{3'}	5'-gAC ^{3'}	5'-gTA ^{3'}	5'-gTA ^{3'}	5'-gCC ^{3'}	5'-gAT ^{3'}	5'-gTA ^{3'}	5'-gTT ^{3'}	5'-gTg ^{3'}	5'-gTT ^{3'}
		30(184)													
		5'-gAT ^{3'}													
3'-primer(s) ³	86(353)	86(353)	57(266)	57(266)	48(240)	70(304)	86(353)	70(304)	57(266)	86(353)	86(353)	74(317)	57(265)	57(266)	27(177)
	5'-ACg ^{3'}	5'-ACg ^{3'}	5'-CAT ^{3'}	5'-CAT ^{3'}	5'-gCg ^{3'}	5'-CCC ^{3'}	5'-ACC ^{3'}	5'-CCT ^{3'}	5'-CAA ^{3'}	5'-ACC ^{3'}	5'-ACC ^{3'}	5'-CCg ^{3'}	5'-gCT ^{3'}	5'-CAA ^{3'}	5'-gTT ^{3'}
								74(317)			87(356)				30(184)
								5'-CCg ^{3'}		5'-ggA ^{3'}					5'-gTg ^{3'}
															57(266)
															5'-Cgg ^{3'}
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DQB1 allele ⁴															
*06:01:01-06:01:06	1	2													
*06:02:01-06:02:02		2	3												
*06:03:01-06:03:02				4	5	6									
*06:04:01, 06:04:03							7	8	9						
*06:04:02					5		7	8	9						
*06:05:01								8	9	10	11				
*06:05:02		?						8		?	?				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Length of spec.	220	210	185	130	160	170	210	175	130	260	210	180	185	130	100
PCR product(s)															185
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*06:06		?						8	9	?	?	12			
*06:07:01				4	5		7	8							
*06:07:02				4			7	8							
*06:08:01					5	6			9						
*06:08:02						6			9						
*06:09								8	9		11				
*06:10		2											13		
*06:11:01		2			5										
*06:11:02		2		4	5	6									
*06:12						6			9		11				
*06:13		2												14	
*06:14:01			3	4		6									15
*06:14:02			3												15
*06:15			3								11				
*06:16		2	3												
*06:17							7		9						
*06:18		2						8	9						
*06:19		2	3												
*06:20		2	3							w					
*06:21						6	7		9						
*06:22											11			14	
*06:23			3												
*06:24		2	3												
*06:25							7	8							
*06:26N				4	5	6									
*06:27								8	9						
*06:28				4	5	6									
*06:29		2													15
*06:30				4	5										
*06:31				4	5	6				10					
*06:32				4	5			8							
*06:33		2	3												
*06:34							7	8	9						
*06:35	1	2													
*06:36							7	8	9						
*06:37		2	3												
*06:38							7	8	9						
*06:39							7	8	9						
*06:40				4	5	6									
*06:41				4	5	6									
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Length of spec.	220	210	185	130	160	170	210	175	130	260	210	180	185	130	100

PCR product(s)																185
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
*06:42									9		11					
*06:43	1	2														
*06:44				4	5	6										
*06:47		2	3													
*03:23					5											
*03:30, 04:01:01- 04:03:02, 04:06-04:08																
DQB1 allele																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

INTERPRETATION TABLE															
DQB1*06 SSP subtyping															
Amplification patterns of the DQB1*06:01 to 06:47 alleles															
Well ⁵															
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
110	175	135	110	160	130	160	155	210	165	205	300	90	115	100	125
			215		195				190	265				220	
430	430	430	515	430	515	515	430	430	430	430	430	430	430	430	430
5'-ggg ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-CCT ^{3'}	5'-gTT ^{3'}	5'-TgA ^{3'}	5'-gAC ^{3'}	5'-gTT ^{3'}	5'-gAC ^{3'}	5'-CgT ^{3'}	5'-TTA ^{3'}	5'-TCT ^{3'}	5'-AgA ^{3'}	5'-CCg ^{3'}	5'-ggc ^{3'}	5'-TCT ^{3'}
		154(558)	62(282)		133(494)				45(230)	31(187)				154(558)	
		5'-ACT ^{3'}	5'-AAg ^{3'}		5'-TCA ^{3'}				5'-ggA ^{3'}	5'-ACg ^{3'}				5'-ACT ^{3'}	
5'-gCg ^{3'}	5'-ggC ^{3'}	5'-gCT ^{3'}	5'-ACg ^{3'}	5'-gCg ^{3'}	5'-ACC ^{3'}	5'-CCC ^{3'}	5'-CgA ^{3'}	5'-ACg ^{3'}	5'-ggA ^{3'}	5'-ACg ^{3'}	5'-CCA ^{3'}	5'-ACC ^{3'}	5'-AAA ^{3'}	5'-CCA ^{3'}	5'-ACT ^{3'}
		186(653)			185(650)									174(618)	
		5'-CCg ^{3'}			5'-Cgg ^{3'}									5'-ACT ^{3'}	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
				21											
						23		25					30		
													30		
												29			32
												29			32
												29	?		?
												?	?		?
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

110	175	135	110	160	130	160	155	210	165	205	300	90	115	100	125
			215		195				190	265				220	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
					22							?	?		?
					22							29	?		32
						23		25				29			32
						23		25					?		?
												29			32
		19		21									?		?
													?		?
															32
				21									?		?
				21		23		25					?		?
				21		23		25					?		?
				21	22							29	?		?
				21									?		?
	18												?		?
													?		?
							24						?		?
				21									?		?
						23							?		?
												29	?		?
17				21									?		?
	18			21									?		?
		19										29	?		?
			20										?		?
								25					?		?
						23		25	26				?		?
				21									?		?
	18							25					?		?
						23		25					?		?
								25					?		?
				21						27			?		?
											28	29			32
									26				?		?
		19										29			32
			20	21									?		?
					22							29			
												29	30		
						23		25		27			?		?
						23		25							32
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
110	175	135	110	160	130	160	155	210	165	205	300	90	115	100	125

			215		195				190	265				220	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	18														32
														31	
						23		25					30	31	
				21									30	31	
							24								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

Length of spec. PCR product(s)
Length of int. pos. control¹
5'-primer(s)²
3'-primer(s)³
Well No.
DQB1 allele⁴
*06:01:01-06:01:06
*06:02:01-06:02:02
*06:03:01-06:03:02
*06:04:01, 06:04:03
*06:04:02
*06:05:01
*06:05:02
Well No.

Length of spec.
PCR product(s)
Well No.
*06:06
*06:07:01
*06:07:02
*06:08:01
*06:08:02
*06:09
*06:10
*06:11:01
*06:11:02
*06:12
*06:13
*06:14:01
*06:14:02
*06:15
*06:16
*06:17
*06:18
*06:19
*06:20
*06:21
*06:22
*06:23
*06:24
*06:25
*06:26N
*06:27
*06:28
*06:29
*06:30
*06:31
*06:32
*06:33
*06:34
*06:35
*06:36
*06:37
*06:38
*06:39
*06:40
*06:41
Well No.
Length of spec.

PCR product(s)
Well No.
*06:42
*06:43
*06:44
*06:47
*03:23
*03:30, 04:01:01- 04:03:02, 04:06-04:08
DQB1 allele
Well No.