

INTERPRETATION TABLE

DQB1*03 SSP subtyping

Amplification patterns of the DQB1*03:01 to DQB1*03:44 alleles

	Well ⁵															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	165	220	135	220	135	95	115	110	65	135	135	260	165	130	135	130
PCR product(s)						130		140	135	260						
Length of int.	515	515	515	515	430	430	430	430	430	430	430	515	430	515	515	430
pos. control ¹																
5'-primer(s) ²	45(230)	26(173)	26(173)	26(173)	26(173)	26(173)	38(210)	49(242)	38(210)	13(136)	13(134)	13(134)	26(173)	26(173)	55(260)	57(266)
	5'-ggA ^{3'}	5'-TTA ^{3'}	5'-TCT ^{3'}	5'-TCT ^{3'}	5'-TTA ^{3'}	5'-ggg ^{3'}	5'-gCA ^{3'}	5'-ggT ^{3'}	5'-gCA ^{3'}	5'-gCC ^{3'}	5'-ggC ^{3'}	5'-ggC ^{3'}	5'-TTA ^{3'}	5'-TTA ^{3'}	5'-gCC ^{3'}	5'-TgA ^{3'}
						37(208)	139(514)	55(260)		135(500)						
						5'-ACA ^{3'}	5'-CAA ^{3'}	5'-gCA ^{3'}		5'-TgA ^{3'}						
								63(285)								
								5'-Agg ^{3'}								
3'-primer(s) ³	86(353)	86(353)	57(266)	86(353)	57(266)	55(260)	62(282)	86(353)	45(232)	86(353)	45(230)	86(353)	67(296)	55(260)	86(353)	86(353)
	5'-gCT ^{3'}	5'-gCT ^{3'}	5'-Cgg ^{3'}	5'-gCT ^{3'}	5'-Cgg ^{3'}	5'-gCg ^{3'}	5'-CTA ^{3'}	5'-gCT ^{3'}	5'-CAA ^{3'}	5'-gCT ^{3'}	5'-CCC ^{3'}	5'-gCT ^{3'}	5'-ggT ^{3'}	5'-gCg ^{3'}	5'-gCT ^{3'}	5'-gCT ^{3'}
							162(583)		69(304)	167(596)				55(260)		
							5'-CAC ^{3'}		5'-CCC ^{3'}	5'-CAT ^{3'}				5'-gCg ^{3'}		
														55(260)		
														5'-ggg ^{3'}		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	165	220	135	220	135	95	115	110	65	135	135	260	165	130	135	130
PCR product(s)						130		140	135	260						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DQB1 allele ⁴																
*03:01:01:01-03:01:02, 03:01:04-03:01:06	1	2										12		14	15	16
*03:01:03	1	2										12		14	15	
*03:02:01-03:02:05			3	4											15	
*03:03:02:01-03:03:04				4											15	16
*03:04	1	2			5							12		14	15	
*03:05:01-03:05:04						6									15	
*03:06				4			7								15	16
*03:07			3	4				8							15	
*03:08			3	4					9						15	
*03:09	1	2								10		12		14	15	16
*03:10		2									11	12		14	15	16
*03:11			3	4						10					15	
*03:12				4							11	12			15	16
*03:13	1	2										12	13	14	15	16
*03:14		2			5						11	12		14	15	
*03:15				4				8							15	16
*03:16	1	2						8				12				16
*03:17						6									15	16
*03:18			3	4											15	
*03:19	1	2										12		14	15	16
*03:20				4		6									15	16
*03:21	1	2										12		14	15	16
*03:22	1	2										12		14	15	16
*03:23				4												16
*03:24	1	2										12		14	15	16
*03:25				4			7									
*03:26				4						10					15	16
*03:27	1	2										12		14	15	16
*03:28	1	2										12		14	15	16
*03:29	1	2										12		14	15	16
*03:30				4											15	16
*03:31				4											15	16
*03:32			3	4											15	
*03:33				4											15	16
*03:34				4											15	16
*03:35	1	2										12		14	15	16
*03:36	1	2										12		14	15	16
*03:37			3	4											15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	165	220	135	220	135	95	115	110	65	135	135	260	165	130	135	130
PCR product(s)						130		140	135	260						

Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*03:38				4											15	16
*03:39				4											15	16
*03:40				4					9						15	16
*03:41				4											15	16
*03:42	1	2					7					12		14	15	16
*03:43				4											15	16
*03:44	1	2										12		14	15	16
*02:01:01-02:02, 02:04-02:07			3	4												
*02:03				4												16
*04:01:01-04:02:02, 04:04-04:08																
*04:03:01-04:03:02				4												
*06:01:01-06:01:06, 06:43											11					
*06:02:02									9							
*06:03:01, 06:04:02, 06:07:01, 06:08:01, 06:11:01-06:11:02, 06:26N, 06:28, 06:30-06:32, 06:40-06:41, 06:44																
*06:03:02									9							
*06:29			3													
DQB1 allele ⁴																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

170	175	175	150	160	160	95	120	170	180	175	200	110	135	195	100	Length of spec.
220						130	210	240		250		165				PCR product(s)
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																DQB1 allele ⁴
		19														*03:01:01-03:01:02, 03:01:04-03:01:06
		19														*03:01:03
	18															*03:02:01-03:02:05
	18															*03:03:02-01-03:03:04
		19														*03:04
	18															*03:05:01-03:05:04
	?	?														*03:06
	?	?														*03:07
	?	?														*03:08
		19														*03:09
		19														*03:10
	?	?														*03:11
	?	?														*03:12
	?	?														*03:13
	?	?														*03:14
	?	?														*03:15
	?	?														*03:16
	?	?														*03:17
17	?	?														*03:18
	18															*03:19
	?	?														*03:20
		19	20													*03:21
		19		21												*03:22
	?	?			22											*03:23
		19				23										*03:24
	18															*03:25
	?	?														*03:26
		19					24									*03:27
		19												31		*03:28
		19						25								*03:29
	18								26							*03:30
	18									27						*03:31
	18									27						*03:32
	?	?										29				*03:33
	?	?						25								*03:34
		19										29				*03:35
		19											30			*03:36
	?	?								28						*03:37
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
170	175	175	150	160	160	95	120	170	180	175	200	110	135	195	100	Length of spec.
220						130	210	240		250		165				PCR product(s)

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
	18										28					*03:38
	18						24									*03:39
	?	?														*03:40
	18					23										*03:41
		19														*03:42
17	18															*03:43
	?	?													32	*03:44
																*02:01:01-02:02, 02:04-02:07
																*02:03
	18															*04:01:01-04:02:02, 04:04-04:08
	18															*04:03:01-04:03:02
																*06:01:01-06:01:06, 06:43
																*06:02:02
					22											*06:03:01, 06:04:02, 06:07:01, 06:08:01, 06:11:01-06:11:02, 06:26N, 06:28, 06:30-06:32, 06:40-06:41, 06:44
					22											*06:03:02
									26							*06:29
																DQB1 allele ⁴
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.