INTERPRETATION TABLE

DQB1 high resolution SSP typing

Amplification patterns of the DQB1*0201 to DQB1*0635 alleles

	Well[5]																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Length of spec.	120	85	145	140	145	165	220	135	175	135	95	125	110	135	135	260	165	130	135	130	205	205	135	120
PCR product(s)					185				220		130		140	260			300	190						
																		220						
Length of int.	515	430	515	430	430	515	515	515	515	430	430	430	430	430	430	515	430	430	515	430	515	430	430	430
pos. control[1]																								
5'-primer(s)[2]	30(185)	57(266)	135(500)	102(400)	38(209)	45(230)	26(173)	26(173)	26(173)	26(173)	26(173)	38(210)	49(242)	14(136)	13(134)	13(134)	26(173)	27(175)	55(260)	57(266)	23(164)	23(164)	26(173)	30(184)
	5'-AAg 3'	5'-TgA 3'	5'-TgA 3'	5'-TCT 3'	5'-CgC 3'	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'-gCC 3'	5'-ggC 3'	5'-ggC 3'	5'-TTA 3'	5'-TTC 3'	5'-gCC 3'	5'-TgA 3'	5'-gCT 3'	5'-gCg 3'	5'-ggg 3'	5'-gAC 3'
					136(502)				140(514)		38(208)		55(260)	135(500)			102(400)	38(209)						
					5'-ACg 3'				5'-CAA 3'		5'-ACA 3'		5'-gCA 3'	5'-TgA 3'			5'-TCT 3'	5'-CgT 3'						
													63(285)					140(514)						
													5'-Agg 3'					5'-CAA 3'						
3'-primer(s)[3]	57(266)	71(309)	170(604)	135(500)	86(353)	86(353)	86(353)	57(266)	86(353)	57(266)	55(260)	62(282)	86(353)	86(353)	45(230)	86(353)	67(296)	86(353)	86(353)	86(353)	77(327)	77(327)	57(266)	57(265)
	5'-Cgg 3'	5'-CgT 3'	5'-gAC 3'	5'-ggC 3'	5'-ACg 3'	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'-gCT 3'	5'-CCC 3'	5'-gCT 3'	5'-ggT 3'	5'-gCT 3'	5'-gCT 3'	5'-gCT 3'	5'-ACg 3'	5'-ACg 3'	5'-CAA 3'	5'-gCT 3'
					170(604)				185(650)			70(304)		167(596)			189(661)	87(356)						
					5'-gAC 3'				5'-CgA 3'			5'-CCC 3'		5'-CAT 3'			5'-CCA 3'	5'-ggA 3'						
																		170(604)						
																		5'-gAT 3'						
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

Length of spec.	120	85	145	140	145	165	220	135	175	135	95	125	110	135	135	260	165	130	135	130	205	205	135	120
PCR product(s)					185				220		130		140	260			300	190						
																		220						
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**
DQB1 allele[4]																								
*020101, 020102	1		3					8	9															
*0202	1			4				8	9															
*0203		2		4					9											20				
*0204	1		3		5			8	9															
*0205	1		3					8	9															
*030101, 030102, 030104			3			6	7									16			19	20				
*030103			3			6	7									16			19					
*030201-030204			3					8	9										19					
*030302, 030303			3						9										19	20				
*0304			3			6	7			10						16			19					
*030501-030504			3						9		11								19					
*0306			3						9			12							19	20				
*0307			3					8	9				13						19					
*0308			3					8	9			12							19					
*0309			3			6	7							14		16			19	20				
*0310			3				7								15	16			19	20				
*0311			3					8	9					14					19					
*0312			3						9						15	16			19	20				
*0313			3			6	7		?							16	17		19	20				
*0314			3				7		?	10					15	16			19					
*0315			3						9				13						19	20				
*0316			3			6	7		?				13			16				20				
*0317			3						?		11								19	20				
*0318			3					8	9									18	19					
*0319			3			6	7		9							16			19	20				
*0320			3						9		11								19	20				
*0321			3			6	7									16			19	20				
*0322			3			6	7									16			19	20				
*0323			3						9											20				
*0324						6	7									16		18	19	20				
*0325			3						9			12												
*040101, 040102			3						9												21			
*0402			3						9													22		
*0403			3						9													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**	**23**	**24**
Length of spec.	120	85	145	140	145	165	220	135	175	135	95	125	110	135	135	260	165	130	135	130	205	205	135	120

PCR product(s)					185				220		130		140	260			300	190						
																		220						
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**
*050101, 050102			3																				23	
*050201			3																					24
*050202			3																					24
*050301, 050302			3																					
*0504			3																					
*0505			3		5																			24
*060101-060104			3												15									
*060201			3																					
*060202			3									12												
*060301			3																					
*060302			3									12												
*060401, 060403			3																					
*060402			3																					
*060501			3																					
*060502			3																					
*0606			3																					
*0607			3																					
*060801			3																					
*060802			3																					
*0609			3																					
*0610			3																					
*061101			3																					
*061102			3																					
*0612			3																					
*0613			3																					
*061401			3																					
*061402			3																					
*0615			3																					
*0616			3																					
*0617			3																					
*0618			3																					
*0619			3																					
*0620			3																					
*0621			3																					
*0622			3																					
*0623			3																					
*0624			3																					
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**
Length of spec.	120	85	145	140	145	165	220	135	175	135	95	125	110	135	135	260	165	130	135	130	205	205	135	120

PCR product(s)					185				220		130		140	260			300	190						
																		220						
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**
***0625**			**3**																					
***0626N**			**3**																					
***0627**			**3**																					
***0628**			**3**															**18**						
***0629**			**3**					**8**																
***0630**			**3**																					
***0631**			**3**																					
***0632**			**3**																					
***0633**			**3**																					
***0634**			**3**														**17**							
***0635**			**3**																					
DQB1 allele[4]																								
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**

INTERPRETATION TABLE

DQB1 high resolution SSP typing

Amplification patterns of the DQB1*0201 to DQB1*0635 alleles

Well[5]																							
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
95	120	210	185	130	160	170	210	170	130	165	210	180	100	190	110	175	135	155	160	130	160	155	Length of spec.
										260			185		150	205	195	185			210		PCR product(s)
																		215					
																		250					
515	430	430	430	430	430	515	515	430	430	515	430	430	430	430	430	430	430	515	430	515	515	430	Length of int.
																							pos. control[1]
30(184)	30(184)	30(184)	9(122)	27(177)	9(122)	27(177)	30(184)	27(177)	27(177)	14(136)	30(184)	27(177)	9(122)	9(122)	26(173)	26(173)	26(173)	11(129)	9(122)	57(266)	30(184)	9(122)	5'-primer(s)[2]
5' -gAC 3'	5' -gAT 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' -gTT 3'	5' -ggg 3'	5' -TCT 3'	5' -TCT 3'	5' -TTA 3'	5' -gTT 3'	5' -TgA 3'	5' -gAC 3'	5' -gTT 3'	
		30(184)								45(230)		140(514)			133(493)	130(485)		29(181)					
		5' -gAT 3'								5' -ggA 3'		5' -CAA 3'			5' -TTT 3'	5' -CCA 3'		5' -CCT 3'					
																		38(210)					
																		5' -gTg 3'					
47(237)	57(265)	86(353)	57(266)	57(266)	48(240)	70(304)	86(353)	70(304)	57(266)	86(353)	86(353)	74(317)	27(177)	57(266)	48(240)	71(307)	57(265)	77(326)	48(240)	86(353)	70(304)	47(237)	3'-primer(s)[3]
5' -CgA 3'	5' -gCT 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' -gTT 3'	5' -CAA 3'	5' -gCg 3'	5' -ggC 3'	5' -gCT 3'	5' -CCg 3'	5' -gCg 3'	5' -ACC 3'	5' -CCC 3'	5' -CgA 3'	
										87(356)		185(650)	30(184)	60(274)	170(604)	185(650)	77(327)	86(353)			86(353)		
										5' -ggA 3'		5' -Cgg 3'	5' -gTg 3'	5' -gTT 3'	5' -gAC 3'	5' -Cgg 3'	5' -ACg 3'	5' -ACg 3'			5' -ACg 3'		
													57(265)										
													5' -gCT 3'										
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.

95	120	210	185	130	160	170	210	170	130	165	210	180	100	190	110	175	135	155	160	130	160	155	Length of spec.
										260			185		150	205	195	185			210		PCR product(s)
																		215					
																		250					
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.
																							DOB1 allele[4]
																							*020101, 020102
																							*0202
																							*0203
																							*0204
																		43					*0205
												37											*030101, 030102, 030104
												37											*030103
																							*030201-030204
																							*030302, 030303
												37											*0304
																							*030501-030504
												?					42						*0306
												?											*0307
												?											*0308
												37											*0309
												37											*0310
												?											*0311
												?											*0312
												?											*0313
												?											*0314
												?											*0315
												?											*0316
												?											*0317
												?											*0318
																							*0319
												?											*0320
												37			40								*0321
												37				41							*0322
					30							?											*0323
												37											*0324
																	42						*0325
																						47	*040101, 040102
																						47	*0402
																	42					47	*0403
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.
95	120	210	185	130	160	170	210	170	130	165	210	180	100	190	110	175	135	155	160	130	160	155	Length of spec.

																							PCR product(s)
										260			185		150	205	195	185			210		
																		215					
																		250					
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.
																							*050101, 050102
																							*050201
25																							*050202
25																							*050301, 050302
	26																						*0504
																							*0505
		27																					*060101-060104
		27	28																44				*060201
		27	28																44				*060202
				29	30	31															46		*060301
				29	30	31															46		*060302
							32	33	34														*060401, 060403
					30		32	33	34														*060402
								33	34	35	36												*060501
		?						33		?	?												*060502
		?						33	34	?	?	37											*0606
				29	30		32	33												45			*0607
					30	31			34												46		*060801
						31			34												46		*060802
								33	34		36												*0609
		27											38				42		44				*0610
		27			30																		*061101
		27		29	30	31																	*061102
						31			34		36												*0612
		27												39					44				*0613
			28	29		31							38						44		46		*061401
			28										38						44		46		*061402
			28								36								44	45			*0615
		27	28											39					44				*0616
							32		34							41							*0617
		27						33	34														*0618
		27	28																			47	*0619
		27	28							35									44				*0620
						31	32		34												46		*0621
											36			39									*0622
			28												40				44				*0623
		27	28													41			44				*0624
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.
95	120	210	185	130	160	170	210	170	130	165	210	180	100	190	110	175	135	155	160	130	160	155	Length of spec.

										260			185		150	205	195	185			210		PCR product(s)
																		215					
																		250					
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.
							32	33									42						*0625
				29	30	31												43					*0626N
								33	34												46		*0627
				29	30	31															46		*0628
		27																	44				*0629
				29	30											41					46		*0630
				29	30	31				35											46		*0631
				29	30			33													46		*0632
		27	28															43	44				*0633
							32	33	34														*0634
		27								35													*0635
																							DQB1 allele[4]
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Well No.