

# INTERPRETATION TABLE

## DQB1 high resolution SSP typing

Amplification patterns of the DQB1\*02:01 to DQB1\*06:47 alleles

	Well <sup>4,5</sup>																																					
	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						
Length of spec. PCR product(s)	120	85	145	140	145	165	220	135	220	175	135	95	135	115	140	110	135	135	260	165	110	130	135	130	205	205	135	120	95	115	210	185	130	160	170	210		
Length of int.	515	430	515	430	515	515	515	515	515	430	430	430	430	430	430	430	515	430	430	515	430	430	430	515	430	430	430	515	430	430	430	430	430	430	515	515		
pos. control <sup>1</sup>																																						
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						
DQB1 allele <sup>2</sup>																																						
*02:01:01-02:01:04	1		3					8	9																													
*02:02	1			4				8	9																													
*02:03		2		4					9													20																
*02:04	1		3		5			8	9																													
*02:05	1		3					8	9																													
*02:06	1			4				8	9																													
*03:01:01:01-03:01:02, 03:01:05-03:01:06			3			6	7									16					19	20																
*03:01:03			3			6	7									16					19																	
*03:01:04			3			6	7									16					19	20																
*03:02:01-03:02:05			3					8	9													19																
*03:03:02:01-03:03:04			3						9													19	20															
*03:04			3			6	7					10				16					19																	
*03:05:01, 03:05:03			3						9			11										19																
*03:05:02, 03:05:04			3						9													19																
*03:06			3						9			12										19	20												30			
*03:07			3					8	9				13									19																
*03:08			3					8	9			12										19																
*03:09			3			6	7							14		16						19	20															
*03:10			3				7									15	16					19	20															
*03:11			3					8	9					14								19																
*03:12			3						9							15	16					19	20															
*03:13			3			6	7		?								16	17				19	20															
*03:14			3				7		?	10						15	16					19																
*03:15			3						9				13									19	20															
*03:16			3			6	7		?				13			16							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	23	24	25	26	27	28	29	30	31	32						
Length of	120	85	145	140	145	165	220	135	175	135	95	115	110	135	135	260	110	130	135	130	205	205	135	120	95	115	210	185	130	160	170	210						

spec. PCR product(s)				195	180				220		130	135	140	260	250		300	195	165	220	190												245				
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					
*03:17			3						?		11								19	20																	
*03:18			3					8	9										18	19																	
*03:19			3			6	7		9							16			19	20																	
*03:20			3						9		11									19	20																
*03:21			3			6	7									16			19	20																	
*03:22			3			6	7									16			19	20																	
*03:23			3						9											20														30			
*03:24						6	7									16			18	19	20																
*03:25			3						9		12																							30			
*03:26			3						9					14						19	20																
*03:27			3			6	7								15	16				19	20																
*03:28			3	4		6	7									16	17			19	20																
*03:29			3			6	7									16				19	20																
*03:30			3						9											19	20																
*03:31			3						9											19	20																
*03:32			3					8	9											19																	
*03:33			3						9											19	20																
*03:34			3						9											19	20																
*03:35			3			6	7									16				19	20																
*03:36			3			6	7									16				19	20																
*03:37			3					8	9											19																	
*03:38			3						9											19	20																
*03:39			3						9											19	20																
*04:01:01-04:01:02			3						9												21																
*04:02:01-04:02:02			3						9													22															
*04:03:01			3						9													22															
*04:03:02			3						9																												
*04:04			3						9													22												30			
*04:05			3						9													21												30			
*04:06			3						9													21															
*04:07			3						9													21															
*04:08			3						9													21															
*05:01:01:01-05:01:03			3																				23														
*05:02:01, 05:02:03			3																					24													
*05:02:02			3																					24	25												
*05:03:01:01-05:03:05			3																						25												
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					
Length of	120	85	145	140	145	165	220	135	175	135	95	115	110	135	135	260	110	130	135	130	205	205	135	120	95	115	210	185	130	160	170	210					
spec. PCR product(s)				195	180				220		130	135	140	260	250		300	195	165	220	190										245						

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
*05:04			3																													
*05:05			3																					24								
*05:06			3		5																				25							
*05:07			3		5																		23									
*05:08			3																						25							
*05:09			3																						25							
*05:10			3																						25							
*05:11			3																					23								
*05:12			3																					23								
*05:13			3																							25						
*05:14																									24							
*06:01:01-06:01:06			3										15														27					
*06:02:01			3																							26	27	28				
*06:02:02			3									12														26	27	28				
*06:03:01			3																							26			29	30	31	
*06:03:02			3									12														26			29	30	31	
*06:04:01,06:04:03			3																												32	
*06:04:02			3																										30		32	
*06:05:01			3																								?					
*06:05:02			3																								?	?				
*06:06			3																								?	?				
*06:07:01			3																								?		29	30	32	
*06:07:02			3																										29		32	
*06:08:01			3																								?			30	31	
*06:08:02			3																								?				31	
*06:09			3																													
*06:10			3																								?	27				
*06:11:01			3																								?	27			30	
*06:11:02			3																								?	27	29	30	31	
*06:12			3																												31	
*06:13			3																									?	27			
*06:14:01			3																								?		28	29	31	
*06:14:02			3																								?		28			
*06:15			3																								?		28			
*06:16			3																								?	27	28			
*06:17			3																								?					32
*06:18			3																								?	27				
*06:19			3																								?	27	28			
*06:20			3																								?	27	28			
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
Length of	120	85	145	140	145	165	220	135	175	135	95	115	110	135	135	260	110	130	135	130	205	205	135	120	95	115	210	185	130	160	170	210
spec. PCR				195	180				220		130	135	140	260	250		300	195	190													
product(s)																																
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
*06:21			3																								?				31	32
*06:22			3																								?					

*06:23			3												17										?	28						
*06:24			3																						?	27	28					
*06:25			3																						?					32		
*06:26N			3																						?		29	30	31			
*06:27			3																						?							
*06:28			3												18										?		29	30	31			
*06:29			3				8																		?	27						
*06:30			3																						?		29	30				
*06:31			3																						?		29	30	31			
*06:32			3																						?		29	30				
*06:33, 06:37 <sup>3</sup>			3																						?	27	28					
*06:34			3												17															32		
*06:35			3																						?	27						
*06:36			3																											32		
*06:38																														32		
*06:39			3																						26					32		
*06:40			3																						?		29	30	31			
*06:41			3																									29	30	31		
*06:42			3																													
*06:43			3											15												27						
*06:44			3																						26		29	30	31			
*06:47			3																						26	27	28					
DQB1 allele <sup>2</sup>																																
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

# INTERPRETATION TABLE

## DQB1 high resolution SSP typing

Amplification patterns of the DQB1\*02:01 to DQB1\*06:47 alleles

Well <sup>4,5</sup>																													
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60		
170	95	160	210	180	100	180	95	185	110	110	160	130	160	155	165	110	200	125	95	190	190	115	100	175	185	95	Neg. Control	Length of spec. PCR product(s)	
	130	255			130		150	205	135	155			210				240	245				220						Length of int. pos. control <sup>1</sup>	
430	430	515	430	430	430	430	430	430	515	515	430	515	515	430	430	430	430	430	430	430	430	515	430	430	430	430		Well No.	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	DQB1 allele <sup>2</sup>	
										43								51										*02:01:01-02:01:04	
																													*02:02
																													*02:03
																													*02:04
																													*02:05
																													*02:06
																									57				*03:01:01:01-03:01:02, 03:01:05-03:01:06
					38																			57					*03:01:03
																													*03:01:04
																													*03:02:01-03:02:05
																									57				*03:03:02:01-03:03:04
																													*03:04
																													*03:05:01, 03:05:03
																													*03:05:02, 03:05:04
										42										?					?				*03:06
																				?					?				*03:07
																				?					?				*03:08
																									57				*03:09
																									57				*03:10
																									?				*03:11
																									?				*03:12
																									?				*03:13
																									?				*03:14
																									?				*03:15
																									?				*03:16
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	Well No.	
170	95	160	210	180	100	180	95	185	110	110	160	130	160	155	165	110	200	125	95	190	190	115	100	175	185	95	Length of		



33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	Well No.	
					38																								*05:04
																										58			*05:05
																													*05:06
	34																											*05:07	
					38																								*05:08
																					53								*05:09
																						54							*05:10
																										58			*05:11
																						54							*05:12
																											59		*05:13
																49													*05:14
																													*06:01:01-06:01:06
												44																	*06:02:01
											44																		*06:02:02
												46																	*06:03:01
												46																	*06:03:02
33	34																												*06:04:01, 06:04:03
																							55						*06:04:02
33	34																												*06:05:01
33	34	35	36																										*06:05:02
33		?	?																										*06:06:01
w	34	?	?	37																									*06:06:02
33												45																	*06:07:01
33												45																	*06:07:02
	34												46																*06:08:01
	34												46																*06:08:02
33	34		36																										*06:09
					38				42	44																			*06:10
																													*06:11:01
																													*06:11:02
	34		36																										*06:12
						39					44																		*06:13
					38						44		46																*06:14:01
					38						44		46																*06:14:02
			36								44	45																	*06:15
						39					44																		*06:16
	34							41																					*06:17
33	34																												*06:18
															47														*06:19
		35									44																		*06:20
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	Well No.	
170	95	160	210	180	100	180	95	185	110	110	160	130	160	155	165	110	200	125	95	190	190	115	100	175	185	95		Length of spec. PCR product(s)	
	130	255			185	130		205	135	195							240	245					220						
										250	215																		
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	Well No.	
	34												46																*06:21
			36			39																							*06:22

Negative Control

Neg. Control

