INTERPRETATION TABLE

DQB1 high resolution SSP typing

Amplification patterns of the DQB1*02:01 to DQB1*06:52 alleles

	Well[4,5]																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Length of	120	85	145	140	145	165	220	135	175	125	95	65	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	115	140	260	250		165	190												245		
product(s)												135					205	220														
																	300															
Length of int.	515	430	515	430	515	515	515	515	515	430	430	430	430	430	430	515	430	430	515	430	515	430	430	430	515	430	430	430	430	430	515	515
pos. control[1]																																
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[2]																																
*02:01:01-02:01:08	1		3					8	9																							
*02:02:01-02:02:02	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																							
*02:07	1		3					8	9																							
*02:08	1		3					8	9																							
*02:09	1		3					8	9																							
*02:10	1			4				8	9								17															
*02:11	1			4				8	9	10																						
*03:01:01:01-03:01:02, 03:01:05-03:01:07			3			6	7									16			19	20												
*03:01:03			3			6	7									16			19													
*03:01:04			3			6	7									16			19	20												
*03:01:08			3				7																									
*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													
*03:05:01-03:05:04			3						9		11								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												
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
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
*03:11			3					8	9					14					19													
*03:12			3						9						15	16			19	20												

*03:13			3			6	7		?							16	17		19	20												
*03:14:01			3				7		?	10					15	16			19													
*03:15			3						9				13						19	20												
*03:16			3			6	7		?				13			16				20												
*03:17:01			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												
*03:40			3						9			12							19	20												
*03:41			3						9										19	20												
*03:42			3			6	7									16			19	20												
*03:43			3						9										19	20												
*03:44			3			6	7		?							16			19	20												
*03:45			3					8	9										19													
*03:46			3			6	7									16			19	20												
*03:47			3			6	7									16	17		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											
*04:09			3			6			9		11								19	20		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	25	26	27	28	29	30	31	32
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
*05:01:01:01-05:01:03			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							
*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								
*05:15			3																						25							
*05:16			3																						25							
*05:17			3																					24								
*05:18			3																				23									
*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	
*06:09:01			3																													
*06:10			3																							?	27					
*06:11:01			3																							?	27			30		
*06:11:02			3																							?	27		29	30	31	
*06:12			3																												31	
*06:13:01			3																							?	27					
*06:14:01			3																							?		28	29		31	
*06:14:02			3																							?		28				
*06:15:01			3																							?		28				
*06:16			3																							?	27	28				
*06:17			3																							?						32
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
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
*06:18			3																							?	27					
*06:19			3																							?	27	28				
*06:20			3																							?	27	28				
*06:21			3																							?					31	32
*06:22:01			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			3																							?	27	28				
*06:34			3														17															32
*06:35, 06:45[3]			3																							?	27					
*06:36			3																													32
*06:37			3																							?	27	28				
*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	
*06:46			3																							?		28				
*06:47			3																							26	27	28				
*06:48			3																							?	27	28				
*06:49			3																							?	27	28				
*06:50			3																							?	27	28				
*06:51			3																								27					
*06:52			3																													32
DQB1 allele[2]																																
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*06:52 alleles

Well[4,5]																																
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	61	62	63	64	
170	95	160	210	180	100	180	95	185	100	110	110	130	160	110	165	110	200	125	95	190	105	115	100	185	185	95	190	200	225	180	Neg. Control	Length of
	130	255			130		150	205	135	155	160		210	155		155	240	245	260		190		220									spec. PCR
					185			300	195	185								270														product(s)
										215																						
										250																						
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	430	430	430	430		Length of int.
																																pos. control[1]
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	61	62	63	64	Well No.
																																DQB1 allele[2]
																															Negative Control	*02:01:01-02:01:08
																																*02:02:01-02:02:02
																																*02:03
																																*02:04
										43																						*02:05
																		51														*02:06
																								57								*02:07
									42																							*02:08
																		51														*02:09
																																*02:10
																																*02:11
																																*03:01:01:01-03:01:02, 03:01:05-03:01:07
																								57								
																								57								*03:01:03
					38																			57								*03:01:04
																								57								*03:01:08
																																*03:02:01-03:02:05
																																*03:03:02:01-03:03:04
																								57								*03:04
																																*03:05:01-03:05:04
									42										?					?								*03:06
																			?					?								*03:07
																			?					?								*03:08
																								57								*03:09
																								57								*03:10
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	61	62	63	64	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	61	62	63	64	Well No.
																			?					?								*03:11
																			?					?								*03:12

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	61	62	63	64	
																			?					?								*03:13
																			?					?								*03:14:01
																			?					?								*03:15
																			?					?								*03:16
																			?					?								*03:17:01
																			?					?								*03:18
																			52													*03:19
																			?					?								*03:20
							40																	57								*03:21
								41																57								*03:22
																			?					?								*03:23
																		51						57								*03:24
									42																							*03:25
																			?					?								*03:26
		35																						57								*03:27
																								57								*03:28
						39																		57								*03:29
						39								47															62			*03:30
		35																														*03:31
															48																	*03:32
																49								?								*03:33
																	50							?								*03:34
																49								57								*03:35
																		51						57								*03:36
																	50		?					?								*03:37
																	50															*03:38
																		51														*03:39
																			?					?								*03:40
									42																							*03:41
											44			47										57								*03:42
															48																	*03:43
																			?					?		59						*03:44
								41																								*03:45
																	50							57								*03:46
																								57								*03:47
														47																		*04:01:01-04:01:02
														47																		*04:02:01-04:02:02
									42					47																		*04:03:01
									42					47																		*04:03:02
																																*04:04
																																*04:05
									42					47																		*04:06
														47	48																	*04:07
														47					52													*04:08
						39																										*04:09
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	61	62	63	64	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	61	62	63	64	Well No.
																																*05:01:01:01-05:01:03
																																*05:02:01, 05:02:03
																																*05:02:02

Negative Control

																																	*05:03:01:01-05:03:05
					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
																											60						*05:15
																												61					*05:16
																					54												*05:17
					38																												*05:18
																																	*06:01:01-06:01:06
												44																					*06:02:01
												44																					*06:02:02
														46																			*06:03:01
														46																			*06:03:02
33	34																					55											*06:04:01, 06:04:03
33	34																					55											*06:04:02
33	34	35	36																			?											*06:05:01
33		?	?																			?							62				*06:05:02
w	34	?	?	37																		?											*06:06
33													45									?											*06:07:01
33													45									55											*06:07:02
	34													46								?											*06:08:01
	34													46								?											*06:08:02
33	34		36																			55											*06:09:01
					38					42		44										?											*06:10
																						?											*06:11:01
																						?											*06:11:02
	34		36																			55											*06:12
						39						44										?											*06:13:01
					38							44		46								?											*06:14:01
					38							44		46								?											*06:14:02
			36									44	45									?							62				*06:15:01
						39						44										?											*06:16
	34								41													?											*06:17
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	61	62	63	64		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	61	62	63	64		Well No.
33	34																					?											*06:18
														47								?											*06:19
		35									44											?											*06:20
	34												46									?											*06:21
			36			39																?							62				*06:22:01
											44											?											*06:23
								41			44											?											*06:24
33									42													?											*06:25

Negative Control

										43												?									*06:26N
33	34												46									?									*06:27
													46									?									*06:28
						39					44											?									*06:29
								41					46									?									*06:30
		35											46									?									*06:31
33													46									?									*06:32
										43	44											?									*06:33
33	34																					55									*06:34
		35																				?									*06:35, 06:45[3]
33	34											45										55									*06:36
										43	44											?							62		*06:37
33	34							41														55									*06:38
33	34																														*06:39
							40						46									?									*06:40
													46									55									*06:41
	34		36					41														55									*06:42
																							56								*06:43
													46										56								*06:44
			36								44	45										?									*06:46
											44												56								*06:47
											44											?							62		*06:48
											44											?									*06:49
											44											?								63	*06:50
											44																		62		*06:51
33	34							41														55									*06:52
																															DQB1 allele[2]
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	61	62	63	64	Well No.