

INTERPRETATION TABLE

DQB1 high resolution SSP typing

Amplification patterns of the DQB1*0201 to DQB1*0634 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	150	145	165	220	135	175	135	95	125	110	135	135	260	165	190	135	130	205	205	135	120
PCR product(s)					185				220		130		140	260			300	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	57	135	38	38	45	26	26	26	26	26	38	49	14	13	13	26	27	55	57	23	23	26	30
	5'-A Ag ^{3'}	5'-T gA ^{3'}	5'-T gA ^{3'}	5'-gTg ^{3'}	5'-C gC ^{3'}	5'-g gA ^{3'}	5'-T TA ^{3'}	5'-T CT ^{3'}	5'-T CT ^{3'}	5'-T TA ^{3'}	5'-g gg ^{3'}	5'-g CA ^{3'}	5'-g gT ^{3'}	5'-g C C ^{3'}	5'-g gC ^{3'}	5'-g gC ^{3'}	5'-T TA ^{3'}	5'-T TC ^{3'}	5'-g CC ^{3'}	5'-T gA ^{3'}	5'-g CT ^{3'}	5'-g Cg ^{3'}	5'-g gg ^{3'}	5'-g A C ^{3'}
				102	136				140		38		55	135			102	38						
				5'-TC T ^{3'}	5'-AC g ^{3'}				5'-CA A ^{3'}		5'-AC A ^{3'}			5'-g cA ^{3'}			5'-TC T ^{3'}	5'-C gT ^{3'}						
													5'-Agg ^{3'}											
3'-primer(s) ³	57	71	170	77	86	86	86	57	86	57	55	62	86	86	45	86	67	86	86	86	77	77	57	57
	5'-C gg ^{3'}	5'-Cg T ^{3'}	5'-gAC ^{3'}	5'-CC g ^{3'}	5'-AC g ^{3'}	5'-g CT ^{3'}	5'-g CT ^{3'}	5'-C gg ^{3'}	5'-g CT ^{3'}	5'-C gg ^{3'}	5'-g Cg ^{3'}	5'-CT A ^{3'}	5'-g CT ^{3'}	5'-g CT ^{3'}	5'-CC C ^{3'}	5'-g CT ^{3'}	5'-g gT ^{3'}	5'-g CT ^{3'}	5'-g CT ^{3'}	5'-g CT ^{3'}	5'-AC g ^{3'}	5'-AC g ^{3'}	5'-C AA ^{3'}	5'-gCT ^{3'}
				135	170				185			70		167			189	87						
				5'-g gC ^{3'}	5'-gAC ^{3'}				5'-Cg A ^{3'}			5'-CCC ^{3'}		5'-C AT ^{3'}			5'-C CA ^{3'}	5'-g gA ^{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
DQB1 allele ⁴																								
*020101-020102	1		3					8	9															
*0202	1			4				8	9															
*0203		2		4					9															
*0204	1		3		5			8	9															
*0205	1		3	4				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				
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	150	145	165	220	135	175	135	95	125	110	135	135	260	165	190	135	130	205	205	135	120
PCR product					185				220		130		140	260			300	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
*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									
*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				
*0401			3						9												21			
*0402			3						9													22		
*0403			3		5				9													22		
*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		w							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																					
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	190	135	130	205	205	135	120
PCR product					185				220		130		140	260			300	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
*0610			3																					
*061101			3																					
*061102			3																					
*0612			3																					
*0613			3																					
*0614			3																					
*0615			3																					
*0616			3																					
*0617			3																					
*0618			3																					
*0619			3																					
*0620			3																					
*0621			3																					
*0622			3																					
*0623			3																					
*0624			3																					
*0625			3																					
*0626N			3																					
*0627			3																					
*0628			3															18						
*0629			3					8																
*0630			3																					
*0631			3																					
*0632			3																					
*0633			3																					
*0634			3															17						
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*0634 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	260	210	180	95	190	110	175	135	215	160	130	160	155	Length of spec.
													185		150	205	195	265			210		PCR product(s)
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	30	30	9	27	9	27	30	27	27	14	30	27	9	9	26	27	26	11	9	57	30	9	5'-primer(s) ²
5'-gA C ³	5'-gA T ³	5'-gA T ³	5'-g TT ³	5'-gTA ³	5'-g TA ³	5'-gTA ³	5'-gA C ³	5'-gTA ³	5'-gTA ³	5'-gC C ³	5'-gA T ³	5'-gTA ³	5'-g TT ³	5'-g TT ³	5'-g gg ³	5'-gTA ³	5'-T CT ³	5'-TTA ³	5'-g TT ³	5'-T gA ³	5'-gA C ³	5'-g TT ³	
		30											140		133	130		29					
													5'-CA A ³					5'-CC T ³					
47	57	86	57	57	48	70	86	70	57	86	86	74	27	57	48	71	57	86	48	86	70	47	3'-primer(s) ³
5'-Cg A ³	5'-gCT ³	5'-A Cg ³	5'-CAT ³	5'-CAT ³	5'-gC g ³	5'-CCC ³	5'-A CC ³	5'-CCT ³	5'-CAA ³	5'-A CC ³	5'-A CC ³	5'-C Cg ³	5'-gt T ³	5'-C AA ³	5'-gC g ³	5'-ggT ³	5'-gC T ³	5'-A Cg ³	5'-gC g ³	5'-A CC ³	5'-CCC ³	5'-Cg A ³	
										87		185	57	60	170	185	77				86		
										5'-g gA ³		5'-Cg g ³	5'-gC T ³	5'-gTT ³	5'-gAC ³	5'-Cg g ³	5'-AC g ³				5'-A Cg 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.
																							DQB1 allele ⁴
																							*020101-020102
																							*0202
																							*0203
																							*0204
																							*0205
												37											*030101-030102, 030104
												37											*030103
																							*030201-030204
																							*030302-030303
												37											*0304
																							*030501-030504
												?					42						*0306
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	260	210	180	95	190	110	175	135	215	160	130	160	155	Length of spec.
													185		150	205	195	265			210		PCR product
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.
												?											*0307
												?											*0308
												37											*0309
												37											*0310
												?											*0311
												?											*0312
												?											*0313
												?											*0314
												?											*0315
												?											*0316
												?											*0317
												?											*0318
												?											*0319
												?											*0320
											36	37			40								*0321
												37				41							*0322
																						47	*0401
																						47	*0402
												?				42						47	*0403
																							*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
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	260	210	180	95	190	110	175	135	215	160	130	160	155	Length of spec.
													185		150	205	195	265			210		PCR product
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.
		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			*0614
			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
							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
																							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.