

INTERPRETATION TABLE

DQB1 high resolution SSP typing

Amplification patterns of the DQB1*0201 to DQB1*0628 alleles

	Tube ⁶																							
	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. PCR product	120	85	145	140	145	165	220	135	190	135	95	125	110	135	135	260	165	190	135	130	205	205	135	120
Length of int. pos. control ¹	515	430	515	430	430	515	515	515	515	430	430	430	430	430	430	515	430	515	515	430	515	430	430	430
5'-primer(s) ²	5'-A Ag ³	5'-T gA ³	5'-T gA ³	5'-A Ag ³	5'-C gC ³	5'-g gA ³	5'-T T A ³	5'-T CT ³	5'-T CT ³	5'-T T A ³	5'-g g g ³	5'-g CA ³	5'-g g T ³	5'-g C C ³	5'-g g C ³	5'-g g C ³	5'-T T A ³	5'-T TC ³	5'-g CC ³	5'-T g A ³	5'-g CT ³	5'-g C g ³	5'-g g g ³	5'-g A C ³
				102	136				135		38		55	135			102	38						
				5'-TC T ³	5'-AC g ³				5'-TgA ³		5'-AC A ³		5'-g cA ³	5'-T gA ³			5'-TC T ³	5'-C gT ³						
													5'-Agg ³											
3'-primer(s) ³	5'-C g g ³	5'-C g T ³	5'-g AC ³	5'-CC g ³	5'-AC g ³	5'-g CT ³	5'-g CT ³	5'-C g g ³	5'-g CT ³	5'-C g g 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 g T 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'-g CT ³
				135	170				185			70		167			189	87						
				5'-g g C ³	5'-g AC ³				5'-Cg A ³			5'-CCC ³		5'-C AT ³			5'-C CA ³	5'-g g A ³						
Tube 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	+		+					+	+															
*0202	+			+				+	+															
*0203		+		+					+															
*0204	+		+		+			+	+															
*0205	+		+	+				+	+															
*030101-030102			+			+	+									+			+	+				
*030103			+			+	+									+			+					
*030201-030204			+					+	+										+					
*030302-030303			+						+										+	+				
*0304			+			+	+			+						+			+					
*030501-030504			+						+		+								+					
*0306			+						+			+							+	+				
Tube 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. PCR	120	85	145	140	145	165	220	135	190	135	95	125	110	135	135	260	165	190	135	130	205	205	135	120
Tube 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			+					+	+				+						+					
*0308			+					+	+			+								+				
*0309			+			+	+							+		+				+	+			
*0310			+				+								+	+				+	+			
*0311			+					+	+					+						+				
*0312			+						+						+	+				+	+			
*0313			+			+	+									+	+			+	+			
*0314			+				+			+					+	+				+				
*0315			+						+					+						+	+			
*0316			+			+	+							+		+								
*0317			+									+								+	+			
*0318			+					+	+										+	+				
*0319			+			+	+		+							+				+	+			
*0320			+						+		+									+	+			
*0401			+						+													+		
*0402			+						+														+	
*050101-050102			+																					+
*050201			+																					+
*050202			+																					+
*050301-050302			+																					
*0504			+																					
*0505			+		+																			+
*060101-060103			+												+									
*0602			+																					
*060301-060302			+																					
*060401, 060403			+																					
*060402			+																					
*060501			+																					
*060502			+																					
*0606			+																					
*0607			+																					
*060801			+																					
*060802			+																					
*0609			+																					
*0610			+																					
*061101			+																					
*061102			+																					
*0612			+																					
*0613			+																					
Tube 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. PCR	120	85	145	140	145	165	220	135	190	135	95	125	110	135	135	260	165	190	135	130	205	205	135	120
Tube 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
*0614			+																					
*0615			+																					
*0616			+																					
*0617			+																					
*0618			+																					
*0619			+																					
*0620			+																					
*0621			+																					
*0622			+																					
*0623			+																					
*0624			+																					
*0625			+																					
*0626N			+																					
*0627			+																					
*0628			+																+					
*0629			+					+																
*0630			+																					
*0631			+																					
*0632			+																					
*0633			+																					
*0634			+															+						
DQB1 allele ⁴																								
Tube 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*0628 alleles

Tube ⁶																									
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. PCR product		
													185					265			210		Length of int. pos. control ¹		
515	430	430	430	430	430	515	515	430	430	515	430	430	430	430	430	430	430	515	430	515	515	430	5'-primer(s) ²		
30	30	30	9	27	9	27	30	27	27	14	30	27	9	9	26	27	26	11	9	57	30	9			
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								38								29							
		5'-gA T ^{3'}								5'-C gT ^{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'-CAA ^{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			57	60							86				
										5'-g gA ^{3'}			5'-gC T ^{3'}	5'-gTT ^{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	Tube No.		
																							DQB1 allele ⁴		
																							*020101-020102		
																							*0202		
																							*0203		
																							*0204		
																							*0205		
																							*030101-030102		
																							*030103		
																							*030201-030204		
																							*030302-030303		
																							*0304		
																							*030501-030504		
																							*0306		
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Tube 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. PCR Tube No.	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47		
																								*0307
																								*0308
																								*0309
																								*0310
																								*0311
																								*0312
																								*0313
																								*0314
																								*0315
																								*0316
																								*0317
																								*0318
																								*0319
																								*0320
																							+	*0401
																							+	*0402
																								*050101-050102
																								*050201
+																								*050202
+																								*050301-050302
	+																							*0504
																								*0505
		+																						*060101-060103
		+	+																	+				*0602
				+	+	+																+		*060301-060302
							+	+	+															*060401, 060403
					+		+	+	+															*060402
								+	+	+	+													*060501
		?						+		?	?													*060502
		?						+	+	?	?	+												*0606
				+	+		+	+														+		*0607
					+	+			+														+	*060801
						+			+														+	*060802
								+	+		+													*0609
		+											+				+		+					*0610
		+			+																			*061101
		+		+	+	+																		*061102
						+			+		+													*0612
		+								+	+											+		*0613
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Tube 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. PCR	
													185					265			210		Tube No.	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47		
			+	+		+							+						+		+		*0614	
			+								+								+	+			*0615	
		+	+											+					+				*0616	
							+		+							+							*0617	
		+						+	+														*0618	
		+	+																			+	*0619	
		+	+							+									+				*0620	
						+	+		+												+		*0621	
											+			+									*0622	
			+												+				+				*0623	
		+	+													+			+				*0624	
							+	+									+						*0625	
				+	+	+												+					*0626N	
								+	+													+	*0627	
				+	+	+																+	*0628	
		+																	+				*0629	
				+	+											+					+		*0630	
				+	+	+				+											+		*0631	
				+	+			+													+		*0632	
		+	+															+	+				*0633	
							+	+	+														*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	Tube No.	