

INTERPRETATION TABLE																
DQA1 SSP typing																
Amplification patterns of the DQA1*0101 to *0602 alleles																
	Well5															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	145	170	145	170	220	100	95	65	175	185	215	225	225	125	165	90
PCR product																
Length of int.	515	515	430	430	430	430	430	430	430	430	430	515	515	430	430	430
pos. control ¹																
5'-primer(s) ²	34	25	34	25	-7	199	25	-7	7	7	-6	99	99	25	34	59
	5'-Ag g ³	5'-g TA ³	5'-Ag C ³	5'-g TT ³	5'-CC A ³	5'-gC A ³	5'-g TA ³	5'-CC g ³	5'-CAC ³	5'-CAT ³	5'-g AC ³	5'-CCC ³	5'-CCC ³	5'-g TA ³	5'-Ag C ³	5'-C Cg ³
								-7								
								5'-CC g ³								
3'-primer(s) ³	69	69	69	69	1 st in	218	44	2	52	55	1 st in	160	160	53	75	75
	5'-TgC ³	5'-TgC ³	5'-TgC ³	5'-TgC ³	5'-TTT ³	5'-C TT ³	5'-AgC ³	5'-T gT ³	5'-T gT ³	5'-TCT ³	5'-TTT ³	5'-C AT ³	5'-C Ag ³	5'-TTg ³	5'-g AC ³	5'-g AC ³
													160			
													5'-C Ag ³			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DQA1 allele ⁴																
*010101-010102	1	2						8					13			
*010201-010203		2	3					8					13			
*010204		2	3										13			
*0103			3	4				8					13			
*010401-010402	1	2			5	6							13			
*0105	1	2			5								13			
*0106		2	3		?	?	7	?					13			
*0107	1	2			?	?		?					13			
*0201								8	9				13			
*030101								8		10			13			
*0302								8		10	11	12				
*0303								8		10		12				
*040101								8					13	14		
*040102								8						14		
*0402								8					13	14		
*0403N								8					13			
*0404								8					13	14		
*050101-050102								8					13	14	15	
*0502								8					13	14	15	16
*0503								8					13	14	15	
*0504								8					13	14	15	
*0505								8					13	14	15	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	145	170	145	170	220	100	95	65	175	185	215	225	225	125	165	90
PCR product																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
*0506								8					13	14	15	
*0507								8					13	14	15	
*0508								8					13	14	15	
*0509								8					13	14	15	
*060101-060102								8					13			
*0602								8					13			
DQA1 allele ⁴																
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

DQA1 SSP typing

Well5

Well5																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
200	200	205	130	110	120	85	240	175	150	90	105	160	215	100	135	Length of spec.
								275								PCR product
430	430	430	430	430	515	430	430	430	430	430	430	430	430	430	430	Length of int.
																pos. control ¹
107	107	21	21	-13	25	32	up ⁶	up ⁶	101	53	153	99	102	188	107	5'-primer(s) ²
5'-C AT ³ 5'-C AT ³ 5'-T CC ³ 5'-T CT ³ 5'-gg A ³ 5'-g TT ³ 5'-gAC ³ 5'-ACT ³ 5'-ACT ³ 5'-ACg ³ 5'-gA T ³ 5'-gT C ³ 5'-CCC ³ 5'-CA g ³ 5'-CT A ³ 5'-C AT ³																
								34								
								5'-Ag g ³								
160	160	75	52	1 st in	52	47	-13	1	138	69	174	139	160	208	139	3'-primer(s) ³
5'-AgC ³ 5'-AgA ³ 5'-g AC ³ 5'-TCT ³ 5'-TgC ³ 5'-TCT ³ 5'-ACA ³ 5'-ggC ³ 5'-TTT ³ 5'-T gA ³ 5'-TgT ³ 5'-TC g ³ 5'-gCg ³ 5'-AgA ³ 5'-gCA ³ 5'-A gA ³																
								79								
								5'-gCA ³								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																DQA1 allele ⁴
							24									*010101
							24									*010201
							24									*010204
							24									*0103
							24									*010401
							24									*0105
							24									*0106
							24	25								*0107
							w									*0201
							24									*030101
							24									*0302
							24									*0303
						23	24									*040101
						23	24									*040102
						23	24		26							*0402
						23	24		27							*0403N
						23	24				28					*0404
17	19			24												*050101
?	?	19		?			?									*0502
18 19				24												*0503
?	?		20	?			?									*0504
17	19			21												*0505
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.

200	200	205	130	110	120	85	240	175	150	90	105	160	215	100	135	Length of spec.
								275								PCR product
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
	18	19					24						30			*0506
	18	19					24							31		*0507
17		19		21											32	*0508
17		19		21				w								*0509
					22	23	24									*060101
					22	23	24					29				*0602
																DQA1 allele ⁴
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.