

# INTERPRETATION TABLE

## DRB3 SSP subtyping

Amplification patterns of the DRB3\*01:01 to \*03:03 alleles

	Well <sup>5</sup>															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150
PCR product(s)					125		180					145			180	
															210	
Length of int.	515	430	430	430	430	430	515	430	430	515	515	515	515	515	430	430
pos. control <sup>1</sup>																
5'-primer(s) <sup>2</sup>	5'-gCT <sup>3'</sup> 10(116)	5'-gAT <sup>3'</sup> 29(175)	5'-gCg <sup>3'</sup> 11(119)	5'-TgT <sup>3'</sup> 10(118)	5'-gCg <sup>3'</sup> 11(119)	5'-CTC <sup>3'</sup> 8(110)	5'-gCg <sup>3'</sup> 11(119)	5'-gCg <sup>3'</sup> 11(119)	5'-gCT <sup>3'</sup> 10(116)	5'-gAC <sup>3'</sup> 29(175)	5'-gCT <sup>3'</sup> 10(116)	5'-gAg <sup>3'</sup> 51(239)	5'-gCT <sup>3'</sup> 10(116)	5'-CgC <sup>3'</sup> 38(200)	5'-gCT <sup>3'</sup> 11(119)	5'-CgC <sup>3'</sup> 38(200)
			5'-gTg <sup>3'</sup> 11(119)						5'-gCT <sup>3'</sup> 10(116)				5'-gCT <sup>3'</sup> 10(116)	5'-CgC <sup>3'</sup> 38(200)		
3'-primer(s) <sup>3</sup>	5'-gTA <sup>3'</sup> 29(175)	5'-CgA <sup>3'</sup> 57(257)	5'-CTg <sup>3'</sup> 28(171)	5'-CAC <sup>3'</sup> 86(344)	5'-CTC <sup>3'</sup> 28(171)	5'-CgA <sup>3'</sup> 57(257)	5'-gTT <sup>3'</sup> 27(169)	5'-CAC <sup>3'</sup> 37(199)	5'-CCC <sup>3'</sup> 51(239)	5'-AgT <sup>3'</sup> 77(317)	5'-CCA <sup>3'</sup> 86(344)	5'-gAA <sup>3'</sup> 66(286)	5'-CAC <sup>3'</sup> 86(344)	5'-CAC <sup>3'</sup> 86(344)	5'-Cgg <sup>3'</sup> 37(197)	5'-CCC <sup>3'</sup> 74(308)
	5'-gTA <sup>3'</sup> 29(175)	5'-CAA <sup>3'</sup> 57(257)	5'-ATg <sup>3'</sup> 28(171)		5'-gCT <sup>3'</sup> 38(202)		5'-CAT <sup>3'</sup> 57(257)			5'-TAA <sup>3'</sup> 77(318)		5'-CCA <sup>3'</sup> 86(344)			5'-Cag <sup>3'</sup> 37(197)	
															5'-gAA <sup>3'</sup> 66(286)	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150
PCR product					125		180					145			180	
															210	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DRB3 allele <sup>4</sup>																
*01:01:02:01-01:01:05	1	2	3										13			
*01:02	1	2	3	4									13			
*01:03	1	2			5								13			
*01:04	1	2	3			6							13			
*01:05	1	2	3				7						13			
*01:06	1	2	3					8					13			
*01:07	1		3				7		9				13	14		
*01:08	1	2	3					8					13			
*01:09										10			13	14		16
*01:10	1	2	3		5								13			
*01:11	1	2	3										13			
*01:12	1	2	3										13			
*01:13	1	2	3										13			
*01:14		2														
*01:15	1		3				7						13			
*02:01									9	10	11	12				
*02:02:01:01-02:02:05									9	10			13	14		
*02:03									9	10			13		15	
*02:04									9	10	11	12				16
*02:05	1								9				13	14		
*02:06									9	10			13	14		
*02:07									9	10			13	14		
*02:08									9	10			13	14		
*02:09										10			13	14		
*02:10										10			13	14		
*02:11									9	10			13	14		
*02:12									9	10			13	14		
*02:13									9	10			13	14		
*02:14									9	10						
*02:15									9	w			13	14		
*02:16									9	10			13	14	15	
*02:17									9	10		12	13	14	15	
*02:18									9	10			13	14		
*02:19									9	10			13	14		16
*02:20									9	10			13			
*02:21									9	10			13	14		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150
PCR product					125		180					145			180	

																210	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
*02:22									9	10			13	14		16	
*02:23									9	10			13	14			
*02:24									9	10	11	12					
*02:25									9	10			13	14			
*02:26									9	10			13	14			
*02:27									9	w			13	14			
*02:28									9	10			13	14			
*02:29N									9	10			13	14			
*03:01:01-03:01:03	1	2									11				15		
*03:02										10	11				15		
*03:03	1	2											13		15		
<i>DRB1*03:01:02, 03:02:02, 03:05:03, 03:13:02, 03:17, 03:24, 03:27, 03:35, 03:81, DRB1*11:27:01, 11:84:01, 11:124, 11:136, 11:138, DRB1*13:33:02-13:33:03, 13:61:01, 13:94:02, 13:96:02</i>																	
<i>DRB1*03:37, 03:80, DRB1*11:43, 11:50, 11:115, DRB1*13:131, 13:150, DRB1*15:65</i>												12					
<i>DRB1*03:38, 03:79</i>		2															
<i>DRB1*03:42</i>	1		3				7	8			11						
<i>DRB1*03:44</i>																16	
<i>DRB1*03:87</i>	1										11						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Length of spec.	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150	
PCR product					125		180					145			180		
															210		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	

<b>DRB1*04:82, 04:99, DRB1*08:07, 08:19, 08:25, 08:34, 08:52, DRB1*12:27, DRB1*13:31, 13:46, 13:54, 13:77, 13:100, 13:162</b>																
<b>DRB1*08:32, DRB1*12:01:02- 12:01:03, 12:02:02, 12:03:02, 12:16:01, DRB1*15:03:01:01- 15:03:02, 15:23, 15:54, 15:57, 15:78, 15:94</b>																
<b>DRB1*10:01:01- 10:01:04, 10:03- 10:06 DRB1*10:02</b>																
<b>DRB1*11:13:01- 11:13:02, DRB1*13:08, DRB1*14:01:01, 14:04-14:05:01, 14:07:01, 14:10- 14:11, 14:14, 14:54:01-14:54:02, 14:57, 14:82, 14:137N DRB1*11:30 DRB1*12:22 DRB1*12:34 DRB1*13:67 DRB1*13:106</b>																
<b>DRB1*11:30</b>	w															
<b>DRB1*12:22</b>																
<b>DRB1*12:34</b>																
<b>DRB1*13:67</b>	1															
<b>DRB1*13:106</b>																
<b>Well No.</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Length of spec.</b>	100	125	95	265	95	190	90	120	165	185	270	90	270	185	120	150
<b>PCR product</b>					125		180					145			180	
															210	
<b>Well No.</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

<b>DRB1*14:01:02- 14:01:04, 14:05:02- 14:05:04, 14:07:02- 14:09, 14:12:01- 14:12:02, 14:15- 14:20, 14:22-14:37, 14:39-14:45, 14:49, 14:51-14:53, 14:55- 14:56, 14:58, 14:60- 14:65, 14:67-14:81, 14:83-14:85, 14:87- 14:95, 14:97, 14:99- 14:120, 14:122- 14:126, 14:127:02- 14:136, 14:138- 14:140, 14:142</b>																
<b>DRB1*14:38, 14:47, 14:50, 14:98, 14:127:01</b>																
<b>DRB1*14:46</b>	<b>1</b>				<b>5</b>		<b>7</b>	<b>8</b>					<b>13</b>			
<b>DRB1*14:48</b>		<b>w</b>														
<b>DRB1*14:59, 14:86, 14:96</b>												<b>12</b>				
<b>DRB1*14:121</b>										<b>w</b>						
<b>DRB1*14:141</b>									<b>9</b>	<b>10</b>			<b>13</b>	<b>14</b>		
<b>Well No.</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>

# INTERPRETATION TABLE

## DRB3 SSP subtyping

Amplification patterns of the DRB3\*01:01 to \*03:03 alleles

Well <sup>5</sup>																
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
120	100	180	170	120	185	195	185	225	235	90	235	160	210	80	240	Length of spec. PCR product(s)
180		270		210	245			260								
430	430	515	430	430	430	430	430	430	430	430	430	430	430	430	430	Length of int. pos. control <sup>1</sup>
5'-gCT <sup>3'</sup> 10(116)	5'-CgC <sup>3'</sup> 38(200)	5'-gCT <sup>3'</sup> 10(116)	5'-gCT <sup>3'</sup> 10(116)	5'-gCT <sup>3'</sup> 10(116)	5'-TgC <sup>3'</sup> 8(112)	5'-ggC <sup>3'</sup> 25(163)	5'-gCT <sup>3'</sup> 11(119)	5'-gCT <sup>3'</sup> 10(116)	5'-TAC <sup>3'</sup> 12(122)	5'-CAT <sup>3'</sup> 163(577)	5'-gCT <sup>3'</sup> 10(116)	5'-CgC <sup>3'</sup> 38(200)	5'-CTg <sup>3'</sup> 123(455)	5'-gAg <sup>3'</sup> 51(239)	5'-CTg <sup>3'</sup> 114(429)	5'-primer(s) <sup>2</sup>
					5'-CAT <sup>3'</sup> 29(173)									5'-CAG <sup>3'</sup> 149(534)		
5'-gTT <sup>3'</sup> 36(196)	5'-CgA <sup>3'</sup> 57(257)	5'-gCA <sup>3'</sup> 55(251)	5'-CCg <sup>3'</sup> 51(239)	5'-gAg <sup>3'</sup> 36(196)	5'-TAA <sup>3'</sup> 77(318)	5'-TAA <sup>3'</sup> 77(318)	5'-CCT <sup>3'</sup> 58(260)	5'-gCC <sup>3'</sup> 71(299)	5'-AAT <sup>3'</sup> 77(317)	5'-ACg <sup>3'</sup> 179(624)	5'-CCg <sup>3'</sup> 74(308)	5'-Agg <sup>3'</sup> 77(317)	5'-ACg <sup>3'</sup> 179(624)	5'-Agg <sup>3'</sup> 60(266)	5'-CTT <sup>3'</sup> 181(630)	3'-primer(s) <sup>3</sup>
5'-gTT <sup>3'</sup> 36(196)		5'-gCT <sup>3'</sup> 56(256)	5'-CAG <sup>3'</sup> 57(257)	5'-gAT <sup>3'</sup> 66(286)			5'-Agg <sup>3'</sup> 60(266)	5'-CCg <sup>3'</sup> 83(337)						5'-CCg <sup>3'</sup> 165(583)		
5'-gCA <sup>3'</sup> 55(251)		5'-CCT <sup>3'</sup> 58(260)														
5'-CAG <sup>3'</sup> 57(257)		5'-CAG <sup>3'</sup> 86(344)														
5'-CAG <sup>3'</sup> 57(257)	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.



17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
																*02:22
17		19														*02:23
																*02:24
							24							31		*02:25
								25								*02:26
										28	29					*02:27
													30			*02:28
														31		*02:29N
			20				24									*03:01:01-03:01:03
			20				24									*03:02
			20				24									*03:03
									26							<i>DRB1*03:01:02, 03:02:02, 03:05:03, 03:13:02, 03:17, 03:24, 03:27, 03:35, 03:81, DRB1*11:27:01, 11:84:01, 11:124, 11:136, 11:138, DRB1*13:33:02-13:33:03, 13:61:01, 13:94:02, 13:96:02</i>
																<i>DRB1*03:37, 03:80, DRB1*11:43, 11:50, 11:115, DRB1*13:131, 13:150, DRB1*15:65</i>
																<i>DRB1*03:38, 03:79</i>
17			20													<i>DRB1*03:42</i>
																<i>DRB1*03:44</i>
17			20													<i>DRB1*03:87</i>
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.
120	100	180	170	120	185	195	185	225	235	90	235	160	210	80	240	Length of spec.
180		270		210	245			260								PCR product
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Well No.



																<b>DRB1*04:82, 04:99, DRB1*08:07, 08:19, 08:25, 08:34, 08:52, DRB1*12:27, DRB1*13:31, 13:46, 13:54, 13:77, 13:100, 13:162</b>
																<b>DRB1*08:32, DRB1*12:01:02- 12:01:03, 12:02:02, 12:03:02, 12:16:01, DRB1*15:03:01:01- 15:03:02, 15:23, 15:54, 15:57, 15:78, 15:94</b>
																<b>DRB1*10:01:01- 10:01:04, 10:03- 10:06</b>
											w					<b>DRB1*10:02</b>
																<b>DRB1*11:13:01- 11:13:02, DRB1*13:08, DRB1*14:01:01, 14:04-14:05:01, 14:07:01, 14:10- 14:11, 14:14, 14:54:01-14:54:02, 14:57, 14:82, 14:137N</b>
			19	20			24			28					32	<b>DRB1*11:30</b>
								26								<b>DRB1*12:22</b>
														31		<b>DRB1*12:34</b>
17			20							28						<b>DRB1*13:67</b>
											29					<b>DRB1*13:106</b>
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	<b>Well No.</b>
120	100	180	170	120	185	195	185	225	235	90	235	160	210	80	240	<b>Length of spec. PCR product</b>
180		270		210	245			260								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	<b>Well No.</b>

																<b><i>DRB1*14:01:02-14:01:04, 14:05:02-14:05:04, 14:07:02-14:09, 14:12:01-14:12:02, 14:15-14:20, 14:22-14:37, 14:39-14:45, 14:49, 14:51-14:53, 14:55-14:56, 14:58, 14:60-14:65, 14:67-14:81, 14:83-14:85, 14:87-14:95, 14:97, 14:99-14:120, 14:122-14:126, 14:127:02-14:136, 14:138-14:140, 14:142</i></b>
										26					?	<b><i>DRB1*14:38, 14:47, 14:50, 14:98, 14:127:01</i></b>
																<b><i>DRB1*14:46</i></b>
															?	<b><i>DRB1*14:48</i></b>
															?	<b><i>DRB1*14:59, 14:86, 14:96</i></b>
															?	<b><i>DRB1*14:121</i></b>
															32	<b><i>DRB1*14:141</i></b>
<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>32</b>	<b>Well No.</b>