

# INTERPRETATION TABLE

## HLA-Cw low resolution SSP typing

Amplification patterns of the Cw\*0102 to Cw\*1803 alleles

	Well										
	1	2	3	4	5	6	7	8	9	10	11
Length of spec.	155	270	280	155	280	125	390	130	245	115	340
PCR product(s)						325		355	425	165	
										265	
										390	
Length of int.	<b>800</b>	<b>800</b>	<b>800</b>	<b>1070</b>	<b>800</b>	<b>800</b>	<b>1070</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>1070</b>
pos. control <sup>1</sup>											
5'-primer(s) <sup>2</sup>	<b>89</b>	<b>2<sup>nd</sup> I</b>	<b>105</b>	<b>477</b>	<b>105</b>	<b>47</b>	<b>1<sup>st</sup> I</b>	<b>28</b>	<b>47</b>	<b>1<sup>st</sup> I</b>	<b>1<sup>st</sup> I</b>
	5'-gAA 3'	5'-CCA 3'	5'-gCT 3'	5'-gCC 3'	5'-gCT 3'	5'-Agg 3'	5'-CgA 3'	5'-TCA 3'	5'-Agg 3'	5'-CgA 3'	5'-CgA 3'
						<b>112</b>		<b>2<sup>nd</sup> I</b>	<b>648</b>	<b>176</b>	
						5'-CCT 3'		5'-CCA 3'	5'-CAC 3'	5'-gCA 3'	
						<b>118</b>				<b>527</b>	
						5'-CCA 3'				5'-TAC 3'	
3'-primer(s) <sup>3</sup>	<b>201</b>	<b>559</b>	<b>343</b>	<b>589</b>	<b>343</b>	<b>201</b>	<b>302</b>	<b>213</b>	<b>302</b>	<b>175</b>	<b>302</b>
	5'-CTC 3'	5'-CTC 3'	5'-C 3'	5'-CTT 3'	5'-T 3'	5'-CTT 3'	5'-ggT 3'	5'-Cgg 3'	5'-ggC 3'	5'-CCg 3'	5'-ggT 3'
	<b>201</b>							<b>420</b>	<b>853</b>	<b>302</b>	
	5'-CTT 3'							5'-gCT 3'	5'-CAT 3'	5'-ggC 3'	
										<b>601</b>	
										5'-CTT 3'	
Well No.	<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>
HLA-Cw allele <sup>4</sup>											
*010201-010208, 0106-0108, 0111- 0113, 0115-0120, 0123, 0125-0133	<b>1</b>										
*0103, 0124	<b>1</b>										
*0104	<b>1</b>										
*0105, 0122, B*5418	<b>1</b>										
*0109	<b>1</b>										
*0110	<b>1</b>	<b>2</b>									
*0114	<b>1</b>										<b>11</b>
*0121	<b>1</b>										
Well No.	<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>

Well No.	1	2	3	4	5	6	7	8	9	10	11
*020201		2	3			6					11
*020202, 020203, 020205-0203, 0207- 0211, 0215-021602, 0219, 0220, 0223- 0225Q, 0228-0231		2	3			6					11
*0204		2	w			6					11
*0205, 0217		2	3			6					11
*0206		2	3			6		8			11
*0212		2	3			6					
*0213, 0218		2	3			6					11
*0214		2	w			6					11
*0221		2	3								11
*0222		2	3			6					11
*0226		2									11
*0227		2	3			6					
*030201-030205, 0305, 0317, 0325, 0327, 0333, 0335, 0336, 0360, 0371			3	4							
*030301-030311, 031101-0312, 0320N- 0322Q, 0330, 0331, 034301, 034302, 0349, 0350, 0352, 0353, 0355, 0356, 0359, 0361, 0362, 0366, 0368, 0369, 0376				4	5						
*03040101-030406, 030408-030414, 0306, 0308, 0309, 0314, 0319, 0323, 0324, 0326, 0328, 0332, 0334, 0337- 033802, 0340, 0342, 0344, 0346-0348, 0351, 0354, 0357, 0363-0365, 0370, 0372-0374			3	4							
*030407, 0341			3								
*0307, 0345			3	4							11

<b>*0310, 0329</b>			<b>3</b>	<b>4</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>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>*0313</b>				<b>4</b>	<b>5</b>						
<b>*0315</b>			<b>3</b>	<b>4</b>							<b>11</b>
<b>*0316</b>			<b>3</b>								
<b>*0318, 0339</b>				<b>4</b>							
<b>*0358</b>					<b>5</b>						
<b>*0367</b>				<b>4</b>	<b>w</b>						
<b>*0375</b>					<b>5</b>						
<b>*04010101-040112, 040401-0405, 0407- 0409N, 0412-041502, 0417-0420, 0424- 0428, 0430, 0431, 0434, 0435, 0438- 0441, 0443-0448</b>						<b>6</b>					<b>11</b>
<b>*0403, 0406</b>			<b>3</b>			<b>6</b>					<b>11</b>
<b>*0410</b>						<b>6</b>					<b>11</b>
<b>*0411</b>						<b>6</b>					
<b>*0416</b>			<b>3</b>								<b>11</b>
<b>*0423</b>						<b>6</b>					<b>11</b>
<b>*0429</b>						<b>6</b>					
<b>*0432</b>		<b>2</b>				<b>6</b>					<b>11</b>
<b>*0433</b>						<b>6</b>					<b>11</b>
<b>*0436</b>						<b>6</b>					
<b>*0437</b>						<b>6</b>					<b>11</b>
<b>*0442</b>											<b>11</b>
<b>*05010101-050110, 0503, 0505-0510, 0512-0515, 0518, 0519, 0521, 0524, 0528-0530</b>							<b>7</b>				<b>11</b>
<b>*0504, 0522</b>							<b>7</b>				<b>11</b>
<b>*0511, 0527</b>							<b>7</b>				<b>11</b>
<b>*0516</b>							<b>7</b>				<b>11</b>
<b>*0517</b>							<b>7</b>				<b>11</b>
<b>*0520</b>							<b>7</b>				<b>11</b>
<b>*0523</b>							<b>7</b>				<b>11</b>
<b>*0525</b>							<b>7</b>				<b>11</b>
<b>*0526</b>						<b>6</b>	<b>7</b>				<b>11</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>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>



Well No.	1	2	3	4	5	6	7	8	9	10	11
Well No.	1	2	3	4	5	6	7	8	9	10	11
*0810							7			10	11
*0812										10	
*0821										10	
*120201-120203, 1210, 1217, 1218, 1220, 1222, 1227											
*12030101, 12030102, 120303, 120305-120307, 1206, 1207, 1211- 1213, 1219, 1223, 1225											
*120302, 120308, 1226											
*120304											
*120401											11
*120402											11
*1205											11
*1208											
*1209											11
*121401											
*121402											
*1215								8			
*1216											
*1221											11
*1224											
*1228											
*140201-1403, 1405, 1407N, 1410, 1411, 1413, 1414											
*1404											11
*1406, 1408, 1409											
*1412											11
*150201-150204, 1508, 151002, 1513, 1515, 1517, 1518			3					8			11
*1503, 1516			3					8			11
*1504-1506, 1509, 1519, 1520			3								11
*1507			3					8			
*151001								8			11
*1511			3			6		8			11

Well No.	1	2	3	4	5	6	7	8	9	10	11
Well No.	1	2	3	4	5	6	7	8	9	10	11
*1512					5			8			11
*1521			3					8			
*1522			3								11
*1523											11
*160101-160103, 1606-1608, 1610, 1611, 1613-1617											
*1602, 1609, 1612											11
*160401											
*17010101-1705		2									11
*1801, 1802											11
*1803		2									11
<i>B*1403</i>											
<i>B*6702</i>											
HLA-Cw allele <sup>4</sup>											
Well No.	1	2	3	4	5	6	7	8	9	10	11















<b>INTERPRETATION TABLE</b>											
<b>HLA-Cw low resolution SSP typing</b>											
<b>Amplification patterns of the Cw*0102 to Cw*1803 alleles</b>											
<b>Well</b>											
13	14	15	16	17	18	19	20	21	22	23	
130	160	130	95	110	190	225	220	325	135	160	<b>Length of spec.</b>
250	220	255	255	325	250	270	425	380		235	<b>PCR product(s)</b>
<b>800</b>	<b>800</b>	1070	1070	1070	1070	<b>800</b>	<b>800</b>	1070	1070	1070	<b>Length of int.</b>
											<b>pos. control<sup>1</sup></b>
<b>201</b>	<b>97</b>	<b>98</b>	<b>98</b>	<b>201</b>	<b>201</b>	<b>112</b>	<b>47</b>	<b>355</b>	<b>105</b>	<b>97</b>	<b>5'-primer(s)<sup>2</sup></b>
5'-CCA 3'	5'-TCg 3'	5'-CTA 3'	5'-CTC 3'	5'-CCA 3'	5'-CCA 3'	5'-CCT 3'	5'-Agg 3'	5'-TCA 3'	5'-gCT 3'	5'-TCg 3'	
<b>2<sup>nd</sup> I</b>	<b>361</b>	<b>368</b>	<b>485</b>	<b>409</b>	<b>2<sup>nd</sup> I</b>	<b>2<sup>nd</sup> I</b>	<b>361</b>	<b>412</b>	<b>459</b>	<b>418</b>	
5'-CCA 3'	5'-AgT 3'	5'-gTg 3'	5'-CAA 3'	5'-ggC 3'	5'-CCA 3'	5'-CCA 3'	5'-AgT 3'	5'-ATA 3'	5'-gAT 3'	5'-Agg 3'	
					<b>361</b>					<b>419</b>	
					5'-AgT 3'					5'-gTC 3'	
<b>289</b>	<b>218</b>	<b>312</b>	<b>311</b>	<b>270</b>	<b>341</b>	<b>341</b>	<b>302</b>	<b>3<sup>rd</sup> I</b>	<b>201</b>	<b>289</b>	<b>3'-primer(s)<sup>3</sup></b>
5'-AgC 3'	5'-gCT 3'	5'-AgT 3'	5'-ggT 3'	5'-TAg 3'	5'-CgT 3'	5'-Cgg 3'	5'-ggT 3'	5'-CTC 3'	5'-CTC 3'	5'-AgC 3'	
<b>289</b>	<b>538</b>	<b>459</b>	<b>538</b>	<b>3<sup>rd</sup> I</b>	<b>341</b>	<b>512</b>	<b>538</b>		<b>559</b>	<b>289</b>	
5'-AgC 3'	5'-CCA 3'	5'-AgA 3'	5'-CAg 3'	5'-CTC 3'	5'-ggT 3'	5'-CCA 3'	5'-CCg 3'		5'-CTC 3'	5'-AgC 3'	
<b>539</b>	<b>538</b>				<b>527</b>					<b>539</b>	
5'-TCT 3'	5'-gCA 3'				5'-CCg 3'					5'-TCT 3'	
					<b>527</b>						
					5'-CCg 3'						
					<b>527</b>						
					5'-CCg 3'						
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>Well No.</b>
											<b>HLA-Cw allele<sup>4</sup></b>
							<b>20</b>				<b>*010201-010208, 0106-0108, 0111- 0113, 0115-0120, 0123, 0125-0133</b>
							<b>20</b>	<b>21</b>			<b>*0103, 0124</b>
	<b>14</b>										<b>*0104</b>
	<b>14</b>										<b>*0105, 0122, B*5418</b>
							<b>20</b>				<b>*0109</b>
							<b>20</b>				<b>*0110</b>
											<b>*0114</b>
<b>13</b>											<b>*0121</b>
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>Well No.</b>

13	14	15	16	17	18	19	20	21	22	23	Well No.
		w									*020201
		15									*020202, 020203, 020205-0203, 0207- 0211, 0215-021602, 0219, 0220, 0223- 0225Q, 0228-0231
		15									*0204
	14	15									*0205, 0217
		15		17							*0206
13		15									*0212
		15			18						*0213, 0218
											*0214
		15									*0221
		15						21			*0222
		15									*0226
											*0227
									22		*030201-030205, 0305, 0317, 0325, 0327, 0333, 0335, 0336, 0360, 0371
								21	22		*030301-030311, 031101-0312, 0320N- 0322Q, 0330, 0331, 034301, 034302, 0349, 0350, 0352, 0353, 0355, 0356, 0359, 0361, 0362, 0366, 0368, 0369, 0376
								21	22		*03040101-030406, 030408-030414, 0306, 0308, 0309, 0314, 0319, 0323, 0324, 0326, 0328, 0332, 0334, 0337- 033802, 0340, 0342, 0344, 0346-0348, 0351, 0354, 0357, 0363-0365, 0370, 0372-0374
								21	22		*030407, 0341
		15						21	22		*0307, 0345

		15						21	22		*0310, 0329
13	14	15	16	17	18	19	20	21	22	23	Well No.
13	14	15	16	17	18	19	20	21	22	23	Well No.
									22		*0313
		15							22		*0315
									22		*0316
								21			*0318, 0339
							20	21	22		*0358
								21	w		*0367
								21	22		*0375
13					18			21			*04010101-040112, 040401-0405, 0407- 0409N, 0412-041502, 0417-0420, 0424- 0428, 0430, 0431, 0434, 0435, 0438- 0441, 0443-0448
13		15			18			21			*0403, 0406
					18			21			*0410
			16			19		21			*0411
13		15			18			21			*0416
13					18						*0423
13			16		18			21			*0429
13					18			21	22		*0432
13						19		21			*0433
			16		18			21			*0436
13		15			18		20	21			*0437
13	14				18			21		23	*0442
		15						21			*05010101-050110, 0503, 0505-0510, 0512-0515, 0518, 0519, 0521, 0524, 0528-0530
		15									*0504, 0522
		15	16					21			*0511, 0527
		15					20	21			*0516
		15	16		18			21			*0517
								21			*0520
		15				19		21			*0523
		15			18			21			*0525
		15						21			*0526
13	14	15	16	17	18	19	20	21	22	23	Well No.
13	14	15	16	17	18	19	20	21	22	23	Well No.

	14								23	*06020101, 06020102, 060203- 060205, 0607, 0610, 0612, 0613, 0615, 0616N, 0618-0628
	14	15						22		*0603
									23	*0604
				18		20				*0605
						20			23	*0606
	14								23	*0608
	14							21	23	*0609
	14								23	*0611
								21	23	*0614
	14					20			23	*0617
									23	*070101-070207, 070210-0706, 0708, 0711-0725, 072701, 072702, 0729, 0730, 0732N, 0735-0738, 0742, 0744-0748, 0750-0763, 0765- 0775, 0777-0791
										*070208, 0726, 0733N, 0739, 0740
13				18					23	*070209
						20			23	*0707, 0709, 0749, 0776
								21	23	*0710, 0728, 0741, 0743
				18					23	*0731
		16								*0764
				18				21		*080101, 080102, 080301, 080302, 0806, 0808, 0814, 0816, 0820, 0822, 0824, 0826N, 0828
								21		*080201, 080202, 0815, 0817-0819, 0823, 0827, 0829
		16						21		*0804, 0813
13								21		*0805, 0825
					19			21		*0807
				18						*0809, 0811



13	14	15	16	17	18	19	20	21	22	23	Well No.
13	14	15	16	17	18	19	20	21	22	23	Well No.
		15			18			21			*0810
							20	21			*0812
13					18			21			*0821
13											*120201-120203, 1210, 1217, 1218, 1220, 1222, 1227
13	14										*12030101, 12030102, 120303, 120305-120307, 1206, 1207, 1211- 1213, 1219, 1223, 1225
13	14										*120302, 120308, 1226
	14										*120304
	14	15									*120401
13	14	15									*120402
	14	15									*1205
13				17							*1208
		15					20				*1209
13					18	19					*121401
13					18	19					*121402
13	14			17							*1215
13										23	*1216
		15									*1221
13							20				*1224
13	14				18						*1228
			16				20				*140201-1403, 1405, 1407N, 1410, 1411, 1413, 1414
			16				20				*1404
			16								*1406, 1408, 1409
							20				*1412
		15		17				21			*150201-150204, 1508, 151002, 1513, 1515, 1517, 1518
13		15		17				21			*1503, 1516
		15		17				21			*1504-1506, 1509, 1519, 1520
				17				21			*1507
		15		17				21			*151001
		15		17				21			*1511

13	14	15	16	17	18	19	20	21	22	23	Well No.
13	14	15	16	17	18	19	20	21	22	23	Well No.
		15		17				21			*1512
		15		17				21			*1521
		15		17							*1522
				17				21			*1523
13					18					23	*160101-160103, 1606-1608, 1610, 1611, 1613-1617
13		15			18					23	*1602, 1609, 1612
	14				18						*160401
		15				19		21			*17010101-1705
							20	21		23	*1801, 1802
							20	21	22	23	*1803
							20				<i>B*1403</i>
13											<i>B*6702</i>
											HLA-Cw allele <sup>4</sup>
13	14	15	16	17	18	19	20	21	22	23	Well No.