

# INTERPRETATION TABLE

## HLA-B\*46 SSP subtyping

Amplification patterns of the B\*4601 to 4622 alleles

	Well <sup>4</sup>							
	1	2	3	4	5	6	7	8
Length of spec.	130	115	395	130	235	120	105	375
PCR product(s)				245		225	140	
Length of int.	<b>800</b>	1070	1070	1070	1070	<b>800</b>	1070	<b>800</b>
pos. control <sup>1</sup>								
5'-primer(s) <sup>2</sup>	209	209	2 <sup>nd</sup> I	97	106	106	209	2 <sup>nd</sup> I
	5'-ggC 3'	5'-ggC 3'	5'-CAA 3'	5'-TCC 3'	5'-CCA 3'	5'-CCA 3'	5'-ggC 3'	5'-CAA 3'
				209		419	463	
				5'-ggg 3'		5'-gTC 3'	5'-TgA 3'	
3'-primer(s) <sup>3</sup>	299	272	559	299	299	187	272	538
	5'-TCA 3'	5'-TgA 3'	5'-CgT 3'	5'-TCA 3'	5'-TCA 3'	5'-gTT 3'	5'-TgA 3'	5'-CAg 3'
		293				605	564	544
		5'-ggC 3'				5'-gCT 3'	5'-ACT 3'	5'-ggT 3'
Well No.	1	2	3	4	5	6	7	8
HLA-B allele								
*460101, 460102	1				5			
*460103	1				5			
*4602	1	2			5			
*4603	1		3		5			
*4604				4	5			
*4605	1							
*4606	1				5	6		8
*4607N	1				5		7	
*4608	1				5			8
*4609	1				5			
*4610	1				5			
*4611	1				5			8
*4612	1				5			
*461301, 461302	1				5			8
*4614	1			4	5			
*4615N	1				5			
*4616	1	2			5		7	
*4617	1				5			
*4618	1		3		5			8
*4619	1				5			8
*4620	1				5	6		
*4621	1		3		5			8

<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>Length of spec.</b>	<b>130</b>	<b>115</b>	<b>395</b>	<b>130</b>	<b>235</b>	<b>120</b>	<b>105</b>	<b>375</b>
<b>PCR product(s)</b>				<b>245</b>		<b>225</b>	<b>140</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>*4622</b>	<b>1</b>				<b>5</b>			
<b>*0709, 0711, 0717, 1835, 3566, 4038, 4052, 4059, 4060, 4814, Cw*0738</b>						<b>6</b>		
<b>*0755, 4819</b>								
<b>*0778, 130201-1303, 1308Q, 1309, 1314-1316, 1318, 1319, 1327, 1330, 1332-1334, 3560, 4415, 4418, 4501, 4503-4508, 4510, 4511, 490101-4903, 4906-4909, 500101-5002, 5004-5008, 5115, 5401-5403, 5405N, 5407, 5408N, 5410, 5412, 5413, 5416-5419, 550101-550103, 550105-550205, 5505, 5507, 5509-5512, 5515, 5516, 5518, 5522, 5524-5526, 5529-5531, 5533-5538, 560101-560103, 5607, 5608, 5613, 5614, 5616, 5617, 5620, 5623-5627, 5901, 5904, 5905</b>								
<b>*0815, 3574</b>					<b>5</b>			
<b>*1331, 5521</b>								
<b>*1407N, 3940N</b>							<b>7</b>	
<b>*15010101-150104, 150106-150116, 1504, 1508, 151101-1512, 1515, 1519, 1524, 1526N-152702, 1528, 1530, 1532, 1534, 1535, 153801, 1543, 1546, 1553, 1554, 1556, 1558, 1560, 1563, 1566, 1570, 1571, 1573, 1575-1577, 1579N, 1581, 1582, 1585, 1587, 1592, 1594N, 1596, 1597, 9501, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9520, 9522, 9528, 9529, 9535, 9537, 9540, 9542-9549N, 9552, 9554, 9557, 9559, 9560, 9563-9567, 9569, 9571, 9572, 9574, 9575, 9578, 9581N-9584, 1819, 2725, 351401, 351402, 3543, 3544, 3567, 3579, 3586, 3936, 5161, 5406, 5603, Cw*0620</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>Length of spec.</b>	<b>130</b>	<b>115</b>	<b>395</b>	<b>130</b>	<b>235</b>	<b>120</b>	<b>105</b>	<b>375</b>
<b>PCR product(s)</b>				<b>245</b>		<b>225</b>	<b>140</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>

*150201-150301, 150303, 150501, 1506, 1509-151002, 1513, 1516-151804, 1521, 1523, 152501, 152502, 1529, 1531, 1536, 1537, 1539, 1540, 1552, 1555, 1561, 1562, 1564, 1567, 1572, 1574, 1580, 1588-1590, 1595, 1598, 9503, 9506, 9507, 9512, 9514, 9515, 9519, 9523, 9524, 9527, 9532-9534, 9539, 9551, 9553, 9555, 9556, 9558, 9562, 9568, 9570, 9573, 9576, 9577, 9585								8
*150302, 150502								8
*1507, 1545, 1568, 9526								
*1514								
*152703, 153802								
*1542			3					8
*1544, 1569, 1593, 9521, 9586			3					8
*1548								8
*1550			3					
*1557	w				w			
*1586			3					8
*1591, 9531, 9561								8
*9508, 9536								8
*9525								
*9538						6		8
*1806				4				
*3545, 3571, 4417, 4443, 4509, 5807								
*3554								
*3562								
*4073				4	5			
*5503					5			
*5519						6		
*5619N							7	
*7301				w				
Cw*0228								
Well No.	1	2	3	4	5	6	7	8



9	10	11	12	13	14	15	16	Well No.
115	100	150	170	105	215	325	205	Length of spec.
	315		380	215				PCR product(s)
9	10	11	12	13	14	15	16	Well No.
9				13			16	*4622
								*0709, 0711, 0717, 1835, 3566, 4038, 4052, 4059, 4060, 4814, Cw*0738
					14			*0755, 4819
				13				*0778, 130201-1303, 1308Q, 1309, 1314-1316, 1318, 1319, 1327, 1330, 1332-1334, 3560, 4415, 4418, 4501, 4503-4508, 4510, 4511, 490101-4903, 4906-4909, 500101-5002, 5004-5008, 5115, 5401-5403, 5405N, 5407, 5408N, 5410, 5412, 5413, 5416-5419, 550101-550103, 550105-550205, 5505, 5507, 5509-5512, 5515, 5516, 5518, 5522, 5524-5526, 5529-5531, 5533-5538, 560101-560103, 5607, 5608, 5613, 5614, 5616, 5617, 5620, 5623-5627, 5901, 5904, 5905
								*0815, 3574
9				13				*1331, 5521
								*1407N, 3940N
9								*15010101-150104, 150106-150116, 1504, 1508, 151101-1512, 1515, 1519, 1524, 1526N-152702, 1528, 1530, 1532, 1534, 1535, 153801, 1543, 1546, 1553, 1554, 1556, 1558, 1560, 1563, 1566, 1570, 1571, 1573, 1575-1577, 1579N, 1581, 1582, 1585, 1587, 1592, 1594N, 1596, 1597, 1819, 2725, 351401, 351402, 3543, 3544, 3567, 3579, 3586, 3936, 5161, 5406, 5603, 9501, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9520, 9522, 9528, 9529, 9535, 9537, 9540, 9542-9549N, 9552, 9554, 9557, 9559, 9560, 9563-9567, 9569, 9571, 9572, 9574, 9575, 9578, 9581N-9584, Cw*0620
9	10	11	12	13	14	15	16	Well No.
115	100	150	170	105	215	325	205	Length of spec.
	315		380	215				PCR product(s)
9	10	11	12	13	14	15	16	Well No.

								*150201-150301, 150303, 150501, 1506, 1509-151002, 1513, 1516-151804, 1521, 1523, 152501, 152502, 1529, 1531, 1536, 1537, 1539, 1540, 1552, 1555, 1561, 1562, 1564, 1567, 1572, 1574, 1580, 1588-1590, 1595, 1598, 9503, 9506, 9507, 9512, 9514, 9515, 9519, 9523, 9524, 9527, 9532-9534, 9539, 9551, 9553, 9555, 9556, 9558, 9562, 9568, 9570, 9573, 9576, 9577, 9585
						15		*150302, 150502
9					14			*1507, 1545, 1568, 9526
9							16	*1514
9						15		*152703, 153802
				13		15		*1542
								*1544, 1569, 1593, 9521, 9586
			12			15		*1548
9								*1550
9								*1557
						15		*1586
							16	*1591, 9531, 9561
			12					*9508, 9536
9	10							*9525
								*9538
								*1806
							16	*3545, 3571, 4417, 4443, 4509, 5807
	10							*3554
9		11						*3562
								*4073
				13				*5503
				13				*5519
				13				*5619N
								*7301
		11						Cw*0228
9	10	11	12	13	14	15	16	Well No.