

# INTERPRETATION TABLE

## HLA-B\*46 SSP subtyping

Amplification patterns of the B\*4601 to 4618 alleles

	Well <sup>4</sup>							
	1	2	3	4	5	6	7	8
Length of spec.	130	115	385	130	235	230	105	365
PCR product(s)				245			140	
Length of int.	<b>800</b>	1070	1070	1070	1070	<b>800</b>	1070	1070
pos. control <sup>1</sup>								
5'-primer(s) <sup>2</sup>	209	209	2 <sup>nd</sup>	97	106	419	209	2 <sup>nd</sup>
	<small>5'-ggC<sup>3'</sup></small>	<small>5'-ggC<sup>3'</sup></small>	<small>5'-CAA<sup>3'</sup></small>	<small>5'-TCC<sup>3'</sup></small>	<small>5'-CCA<sup>3'</sup></small>	<small>5'-gTC<sup>3'</sup></small>	<small>5'-ggC<sup>3'</sup></small>	<small>5'-CAA<sup>3'</sup></small>
				209			463	
				<small>5'-ggg<sup>3'</sup></small>			<small>5'-TgA<sup>3'</sup></small>	
3'-primer(s) <sup>3</sup>	299	272	559	299	299	610	272	538
	<small>5'-TCA<sup>3'</sup></small>	<small>5'-TgA<sup>3'</sup></small>	<small>5'-CgT<sup>3'</sup></small>	<small>5'-TCA<sup>3'</sup></small>	<small>5'-TCA<sup>3'</sup></small>	<small>5'-CTC<sup>3'</sup></small>	<small>5'-TgA<sup>3'</sup></small>	<small>5'-CAg<sup>3'</sup></small>
		293					564	
		<small>5'-ggC<sup>3'</sup></small>					<small>5'-ACT<sup>3'</sup></small>	
Wells No.	1	2	3	4	5	6	7	8
HLA-B allele								
*460101-460102	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			
*4613	1				5			8
*4614	1			4	5			
*4615N	1				5			
*4616	1	2			5		7	
*4617	1				5			
*4618	1		3		5			8
*0709, 0711, 0835, 0837, 3566, 4038, 4052, 4059, 4209, 4814, 5315						6		
*0755, 4819								
*0815, 3574					5			
Well No.	1	2	3	4	5	6	7	8

Length of spec.	130	115	385	130	235	230	105	365
PCR product				245			140	
Well No.	1	2	3	4	5	6	7	8
*130201-1303, 1308Q, 1309, 1314-1316, 1318, 1319, 3560, 4415, 4418, 4501, 4503-4508, 490101-4903, 5001, 5002, 5004, 5115, 5401-5403, 5405N, 5407, 5408N, 5410, 5412, 5413, 5416, 5417, 550101-550203, 5505, 5507, 5509-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5529-5531, 5533, 5534, 5601, 5607, 5608, 5613, 5614, 5616, 5617, 5620, 5623, 5624, 5901, 5904								
*1407N, 3940N							7	
*15010101-150104, 150106-150108, 1504, 1508, 151101-1512, 1515, 1519, 1524, 1526N-152702, 1528, 1530, 1532, 1534, 1535, 1538, 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, 1819, 2725, 351401-351402, 3543, 3544, 3567, 3579, 3586, 3918, 3936,								
*1502, 1503, 1505, 1506, 1509, 1510, 1513, 1516-1518, 1521, 1523, 1525, 1529, 1531, 1536, 1537, 1539, 1540, 1552, 1555, 1561, 1562, 1564, 1567, 1572, 1574, 1580, 1588-1590, 1595, 1598, 9503, 9506-9508, 9512, 9514, 9515, 9519, 9523, 9524, 9527, 9532-9534, 9536, 9539, 9551								8
*1507, 1545, 1568, 9526								
*1514								
*152703								
*1542			3					8
*1544, 1569, 1593, 9521			3					8
*1548								8
*1550			3					
*1557	w				w			
*1586			3					8
Well No.	1	2	3	4	5	6	7	8

Length of spec.	130	115	385	130	235	230	105	365
PCR product				245			140	
Well No.	1	2	3	4	5	6	7	8
*1591, 9531								8
*9525								
*9538						6		8
*1806				4				
*3545, 3571, 4417, 4443, 4509, 5807								
*3554								
*3562								
*4073				4	5			
*5503					5			
*5521								
*5619N							7	
*7301				w				
Well No.	1	2	3	4	5	6	7	8

# INTERPRETATION TABLE

## HLA-B\*46 SSP subtyping

Amplification patterns of the B\*4601 to 4618 alleles

Well <sup>4</sup>								
9	10	11	12	13	14	15	16	
115	100	150	170	105	215	315	195	Length of spec.
	310							PCR product(s)
1070	<b>800</b>	1070	1070	1070	1070	1070	1070	Length of int.
								pos. control <sup>1</sup>
463	106	419	142	357	363	2 <sup>nd</sup> I	419	5'-primer(s) <sup>2</sup>
5'-TgA <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-AgC <sup>3'</sup>	5'-CAA <sup>3'</sup>	5'-gTC <sup>3'</sup>	
	736							
	5'-gCT <sup>3'</sup>							
538	165	527	269	420	538	486	572	3'-primer(s) <sup>3</sup>
5'-CCA <sup>3'</sup>	5'-Tgg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-ACT <sup>3'</sup>	5'-gCT <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-gCg <sup>3'</sup>	5'-gCg <sup>3'</sup>	
	916							
	5'-gAT <sup>3'</sup>							
9	10	11	12	13	14	15	16	Wells No.
								HLA-B allele
9								*460101-460102
9								*4602
								*4603
9								*4604
9	10							*4605
								*4606
9								*4607N
								*4608
9		11						*4609
9			12					*4610
				13		15		*4611
9					14			*4612
						15		*4613
9								*4614
9	10							*4615N
9								*4616
9							16	*4617
				13		15		*4618
					14			*0709, 0711, 0835, 0837, 3566, 4038, 4052, 4059, 4209, 4814, 5315
								*0755, 4819
								*0815, 3574
9	10	11	12	13	14	15	16	Well No.

115	100	150	170	105	215	315	195	Length of spec.
	310							PCR product
9	10	11	12	13	14	15	16	Well No.
				13				*130201-1303, 1308Q, 1309, 1314-1316, 1318, 1319, 3560, 4415, 4418, 4501, 4503-4508, 490101-4903, 5001, 5002, 5004, 5115, 5401-5403, 5405N, 5407, 5408N, 5410, 5412, 5413, 5416, 5417, 550101-550203, 5505, 5507, 5509-5512, 5515, 5516, 5518, 5519, 5522, 5524-5526, 5529-5531, 5533, 5534, 5601, 5607, 5608, 5613, 5614, 5616, 5617, 5620, 5623, 5624, 5901, 5904
								*1407N, 3940N
9								*15010101-150104, 150106-150108, 1504, 1508, 151101-1512, 1515, 1519, 1524, 1526N-152702, 1528, 1530, 1532, 1534, 1535, 1538, 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, 1819, 2725, 351401-351402, 3543, 3544, 3567, 3579, 3586, 3918, 3936,
								*1502, 1503, 1505, 1506, 1509, 1510, 1513, 1516-1518, 1521, 1523, 1525, 1529, 1531, 1536, 1537, 1539, 1540, 1552, 1555, 1561, 1562, 1564, 1567, 1572, 1574, 1580, 1588-1590, 1595, 1598, 9503, 9506-9508, 9512, 9514, 9515, 9519, 9523, 9524, 9527, 9532-9534, 9536, 9539, 9551
9				14				*1507, 1545, 1568, 9526
9							16	*1514
9						15		*152703
				13		15		*1542
						15		*1544, 1569, 1593, 9521
9								*1548
9								*1550
								*1557
						15		*1586
9	10	11	12	13	14	15	16	Well No.

115	100	150	170	105	215	315	195	Length of spec.
	310							PCR product
9	10	11	12	13	14	15	16	Well No.
							16	*1591, 9531
9	10							*9525
								*9538
								*1806
							16	*3545, 3571, 4417, 4443, 4509, 5807
	10							*3554
9		11						*3562
								*4073
				13				*5503
9				13				*5521
				13				*5619N
								*7301
9	10	11	12	13	14	15	16	Well No.