

# INTERPRETATION TABLE

## HLA-B\*18 SSP subtyping

Amplification patterns of the B\*1801 to B\*1833 alleles

	Well <sup>5</sup>											
	1	2	3	4	5	6	7	8	9	10	11	12
Length of spec.	170	260	260	100	140	130	150	190	255	85	125	140
PCR product(s)											630	
Length of int.	800	800	800	800	1070	1070	1070	1070	1070	800	1070	1070
pos. control <sup>1</sup>												
5'-primer(s) <sup>2</sup>	161	363	363	234	130	363	161	412	368	610	234	161
	5'-Cgg3'	5'-Agg3'	5'-AAT3'	5'-CAA3'	5'-AgT3'	5'-Agg3'	5'-Cgg3'	5'-ATg3'	5'-gTg3'	5'-TgT3'	5'-CAA3'	5'-Cgg3'
				523	141				368			
				5'-CCA3'	5'-ATT3'				5'-gTT3'			
3'-primer(s) <sup>3</sup>	292	583	583	292	234	453	272	559	583	3 <sup>rd</sup> I	317	259
	5'-gTA3'	5'-gTg3'	5'-gTg3'	5'-gTC3'	5'-TCT3'	5'-TCC3'	5'-TgA3'	5'-CTC3'	5'-gTg3'	5'-TAT3'	5'-ggA3'	5'-CTC3'
	292			583							583	
	5'-gTA3'			5'-gTg3'							5'-gTA3'	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
HLA-B allele <sup>4</sup>												
*180101-180103	1	2										
*1802	1		3									
*1803		2		4								
*1804	1	2			5							
*1805	1	2				6						
*1806	1	2										
*1807	1	2					7					
*1808	1	2							9			
*1809		2									11	
*1810	1							8			11	
*1811	1										11	
*1812	1	2										12
*1813	1	2										
*1814	1											
*1815	1	2										
*1817N	1	2										
*1818	1	2										
*1819	1	2										
*1820	1	2										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	170	260	260	100	140	130	150	190	255	85	125	140	
PCR product(s)											630		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	
*1821	1								8				
*1822	1												
*1823N	1	2							10				
*1824	1	2			5								
*1825	1	2											
*1826	1	2											
*1827	1								9				
*1828	1	2			4								
*1829	2												
*1830	1	2											
*1831	1	2											
*1832	1	2											
*1833	1	2											
*070201-0704, 0707, 0708, 0710, 0712, 0713, 0715, 0716, 071801-071802, 0721- 0723, 0725-0727, 0729, 0730, 0733, 0735-0739, 0741, 0742, 0744-0752, 0754-0759, 0761-0768, 0770-0772, 0775, 0776, 1552, 9514, 9517, 9524, 2734, 3515, 3533, 3566, 3586, 3707, 4018, 4024, 4031-4033, 4044, 4808									8				
*0709, 0711, 5713									8				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	

Length of spec.	170	260	260	100	140	130	150	190	255	85	125	140
PCR product(s)											630	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*0714, 0717, 0728, 0814, 0828, 1310, 1502, 1506, 1513, 15170101-151702, 1521, 1525, 1531, 1536, 1544, 1555, 1577, 1588, 1589, 9506, 9512, 9521, 9528, 9537, 9539, 9544, 9556, 2701-270402, 270502-2706, 2708-2710, 2712-2719, 2721, 2723, 2725, 2726, 2729-2732, 2735-2740, 2742, 2744-2746, 2750, 370101-3706, 3708, 3710, 3711, 3713, 3714, 3917, 4009, 4042, 4060, 4089, 44020101-4409, 4411-4413, 4415, 4416, 4418-4430, 4432-4442, 4444, 4446-4450, 4452N-4461N, 4463-4467, 4469, 4501-4508, 47010101-4705, 4817, 490101-4902, 4905, 5001, 5002, 5004, 5142, 5307, 5415, 5704, 5705, 8301												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	170	260	260	100	140	130	150	190	255	85	125	140
PCR product(s)											630	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*0734, 080101-0806, 0808N-0810, 0812, 0813, 0815-0820, 0822-0824, 0826, 0827, 0829-0836, 0838, 1306, 1542, 1583, 1586, 3560, 3587, 3712, 380101-3807, 3809-3819, 39010101-39010102L, 390103-390602, 3908-3914, 3916, 3918-3920, 3922-3924, 3926-3928, 3930, 3931, 3934, 3935, 3937, 3939, 3941, 3942, 3944-3946, 4039, 4101-410302, 4105-4108, 4201, 4202, 4204-4208, 4210, 4618, 5136, 5401, 5404, 5405N, 5407, 5408N, 5410-5413, 5417, 550101-5505, 5507, 5510-5513, 5515, 5517-5520, 5525, 5526, 5528-5534, 5610, 5612, 5623, 5820, 5901-5903, 670101-6702												
*1315, 5108-510902, 5119, 5120, 5131, 5144N, 5153, 5210												
*1401-140202, 1404, 1407N, 1409												
*1403												
*1405												
*140601-140602, 1408		2										
*1410												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	170	260	260	100	140	130	150	190	255	85	125	140
PCR product(s)											630	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*1503, 1516, 1518, 1523, 1529, 1539, 1561, 1562, 1564, 1567, 1569, 1571, 1572, 1574, 1580, 1593, 1595, 1598, 9503, 9508, 9515, 9519, 9527, 9531, 9532, 9534, 9553, 9558, 3511, 3550, 3558, 3591, 4608, 4614, 4904, 5308, 5514, 5806, 5819												
*152703, 351401, 3562												
*1533, 9507, 9516, 9541, 3564												
*1537, 5106, 5162		2										
*1538		2										
*1540, 9538								8				
*1547, 1549								8				
*1565, 3599, 4603												
*2728			3									
* 2741, 4003, 4020, 4052, 4059, 4606								8				
*350202, 352002											11	
*3521, 5306												
*3524, 3581, 5302, 5714, 5809												
*3932, 3943		2										
*3936, 5521												
*3948		2										
*4028, 5104, 5146, 5156												
*4051		2										
*4903												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

Length of spec.	170	260	260	100	140	130	150	190	255	85	125	140
PCR product(s)											630	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
*510101-510109, 5103, 5107, 5111N-5114, 5116, 5122, 512401-512402, 5126- 5128, 5130, 5132, 5133, 5135, 5138, 5139, 5141N, 5143, 5148-5152, 5155, 5157, 5158, 5160, 5163, 5165, 520101-5202, 5204- 5209, 5212-5214, 560501- 5606, 5621, 5808, 7801- 7803, 7805, 7806												
*5117, 5118												
*5121												
*5129, 5161												
*5137												
*5145		2										
*5164												
*5402, 5516												
HLA-B allele <sup>4</sup>												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12
A*6604												
Cw*0109, Cw*0722												
Cw*0206, Cw*0223								8				
Cw*1509, Cw*1519, Cw*1520												
Well No.	1	2	3	4	5	6	7	8	9	10	11	12

# INTERPRETATION TABLE

## HLA-B\*18 SSP subtyping

Amplification patterns of the B\*1801 to B\*1833 alleles

Well <sup>5</sup>												
13	14	15	16	17	18	19	20	21	22	23	24	
85	170	100	95	100	85	105	290	215	150	100	190	Length of spec.
	260		365	255	125				270			PCR product(s)
					150							
1070	1070	1070	1070	1070	1070	1070	1070	1070	800	800	1070	Length of int.
												pos. control <sup>1</sup>
539	106	523	41	368	97	234	409	409	161	419	412	5'-primer(s) <sup>2</sup>
5'-gCg <sup>3'</sup>	5'-CCA <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-CTA <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-TCC <sup>3'</sup>	5'-CAA <sup>3'</sup>	5'-ggT <sup>3'</sup>	5'-ggC <sup>3'</sup>	5'-Cgg <sup>3'</sup>	5'-gTC <sup>3'</sup>	5'-ATA <sup>3'</sup>	
539	363	527	486	523	419				355			
5'-gTg <sup>3'</sup>	5'-AgC <sup>3'</sup>	5'-TgA <sup>3'</sup>	5'-ACC <sup>3'</sup>	5'-CCg <sup>3'</sup>	5'-gTC <sup>3'</sup>				5'-TCA <sup>3'</sup>			
583	234	583	234	583	142	299	3 <sup>rd</sup> I	583	272	477	559	3'-primer(s) <sup>3</sup>
5'-gTA <sup>3'</sup>	5'-TCT <sup>3'</sup>	5'-gTg <sup>3'</sup>	5'-TCT <sup>3'</sup>	5'-gTg <sup>3'</sup>	5'-TgC <sup>3'</sup>	5'-TCA <sup>3'</sup>	5'-TAT <sup>3'</sup>	5'-gTg <sup>3'</sup>	5'-TgC <sup>3'</sup>	5'-gCg <sup>3'</sup>	5'-CgT <sup>3'</sup>	
	583		538		505				583			
	5'-gTg <sup>3'</sup>		5'-CCA <sup>3'</sup>		5'-gCT <sup>3'</sup>				5'-gTg <sup>3'</sup>			
					527							
					5'-CCT <sup>3'</sup>							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												HLA-B allele <sup>4</sup>
								21				*180101-180103
								21				*1802
								21				*1803
	14							21				*1804
								21				*1805
						19		21				*1806
								21				*1807
								21				*1808
								21				*1809
												*1810
												*1811
								21				*1812
13								21				*1813
	14							21				*1814
		15			18			21				*1815
			16					21				*1817N
				17				21				*1818
13		15	16					21				*1819
							20					*1820
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

85	170	100	95	100	85	105	290	215	150	100	190	Length of spec. PCR product(s)
	260		365	255	125				270			
					150							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
				w				23				*1821
								21	22			*1822
								21				*1823N
								21				*1824
14								21				*1825
								21			24	*1826
								21				*1827
								21				*1828
				18				21				*1829
13		15			w			21				*1830
		15		17				21				*1831
					18			21				*1832
								21	22			*1833
												*070201-0704, 0707, 0708, 0710, 0712, 0713, 0715, 0716, 071801-071802, 0721, 0723, 0725-0727, 0729, 0730, 0733, 0735-0739, 0741, 0742, 0744-0752, 0754-0759, 0761-0768, 0770-0772, 0775, 0776, 1552, 9514, 9517, 9524, 2734, 3515, 3533, 3566, 3586, 3707, 4018, 4024, 4031-4033, 4044, 4808
				w				23				*0709, 0711, 5713
13	14	15	16	17	18	19	20	21	22	23	24	Well No.



85	170	100	95	100	85	105	290	215	150	100	190	Length of spec.
	260		365	255	125				270			PCR product(s)
					150							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
							20					*0714, 0717, 0728, 0814, 0828, 1310, 1502, 1506, 1513, 15170101-151702, 1521, 1525, 1531, 1536, 1544, 1555, 1577, 1588, 1589, 9506, 9512, 9521, 9528, 9537, 9539, 9544, 9556, 2701-270402, 270502- 2706, 2708-2710, 2712- 2719, 2721, 2723, 2725, 2726, 2729-2732, 2735- 2740, 2742, 2744-2746, 2750, 370101-3706, 3708, 3710, 3711, 3713, 3714, 3917, 4009, 4042, 4060, 4089, 44020101-4409, 4411- 4413, 4415, 4416, 4418- 4430, 4432-4442, 4444, 4446-4450, 4452N-4461N, 4463-4467, 4469, 4501- 4508, 47010101-4705, 4817, 490101-4902, 4905, 5001, 5002, 5004, 5142, 5307, 5415, 5704, 5705, 8301
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

85	170	100	95	100	85	105	290	215	150	100	190	Length of spec.
	260		365	255	125				270			PCR product(s)
					150							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
												*0734, 080101-0806, 0808N-0810, 0812, 0813, 0815-0820, 0822-0824, 0826, 0827, 0829-0836, 0838, 1306, 1542, 1583, 1586, 3560, 3587, 3712, 380101-3807, 3809-3819, 39010101-39010102L, 390103-390602, 3908-3914, 3916, 3918-3920, 3922-3924, 3926-3928, 3930, 3931, 3934, 3935, 3937, 3939, 3941, 3942, 3944-3946, 4039, 4101-410302, 4105-4108, 4201, 4202, 4204-4208, 4210, 4618, 5136, 5401, 5404, 5405N, 5407, 5408N, 5410-5413, 5417, 550101-5505, 5507, 5510-5513, 5515, 5517-5520, 5525, 5526, 5528-5534, 5610, 5612, 5623, 5820, 5901-5903, 670101-6702
								21				*1315, 5108-510902, 5119, 5120, 5131, 5144N, 5153, 5210
15				20								*1401-140202, 1404, 1407N, 1409
13		15					20					*1403
14		15		20								*1405
		15					20					*140601-140602, 1408
		15		20				22				*1410
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

85	170	100	95	100	85	105	290	215	150	100	190	Length of spec.
	260		365	255	125				270			PCR product(s)
					150							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
					18							*1503, 1516, 1518, 1523, 1529, 1539, 1561, 1562, 1564, 1567, 1569, 1571, 1572, 1574, 1580, 1593, 1595, 1598, 9503, 9508, 9515, 9519, 9527, 9531, 9532, 9534, 9553, 9558, 3511, 3550, 3558, 3591, 4608, 4614, 4904, 5308, 5514, 5806, 5819
			16									*152703, 351401, 3562
										23		*1533, 9507, 9516, 9541, 3564
		15						21				*1537, 5106, 5162
13		15						21				*1538
					18							*1540, 9538
					w							*1547, 1549
					w							*1565, 3599, 4603
							20					*2728
										23		* 2741, 4003, 4020, 4052, 4059, 4606
	14											*350202, 352002
		15			18			21	22			*3521, 5306
								21	22			*3524, 3581, 5302, 5714, 5809
								21				*3932, 3943
			16								24	*3936, 5521
								21			24	*3948
		15						21	22			*4028, 5104, 5146, 5156
		15						21			24	*4051
					18		20					*4903
13	14	15	16	17	18	19	20	21	22	23	24	Well No.

85	170	100	95	100	85	105	290	215	150	100	190	Length of spec. PCR product(s)
	260		365	255	125				270			
					150							
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
15								21				*510101-510109, 5103, 5107, 5111N-5114, 5116, 5122, 512401-512402, 5126 5128, 5130, 5132, 5133, 5135, 5138, 5139, 5141N, 5143, 5148-5152, 5155, 5157, 5158, 5160, 5163, 5165, 520101-5202, 5204- 5209, 5212-5214, 560501- 5606, 5621, 5808, 7801- 7803, 7805, 7806
		15										*5117, 5118
		15						21			24	*5121
13		15						21				*5129, 5161
		15			18			21				*5137
		15			18			21				*5145
	14	15						21				*5164
					18						24	*5402, 5516
HLA-B allele <sup>4</sup>												
13	14	15	16	17	18	19	20	21	22	23	24	Well No.
w												A*6604
			16									Cw*0109, Cw*0722
												Cw*0206, Cw*0223
					18					23		Cw*1509, Cw*1519, Cw*1520
13	14	15	16	17	18	19	20	21	22	23	24	Well No.