

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*070201-070207, 070501-0706, 0710, 0712, 0714, 071801- 071802, 0721-0723, 0726, 0728-0731, 0734, 0735, 0739, 0741, 0743, 0747, 0749N, 0752, 0755- 0759	B7	25																							48
*0703, 0708, 0716, 0732, 0737	B7, B703	25																							48
*0704, 0725	B7	25													38										48
*0707, 0742	B7	25																							48
*0709, 0711, 0717	B7	25											36												48
*0713, 0715	-	25																							48
*0719	-																								48
*0720, 0724	-	25		27																					48
*0727	-	25										35									44				48
*0733	-																								48
*0736	-	25																							48
*0738	-	25																							48
*0740, 0748, 0751	-																								48
*0753	-																								48
*0750	-	25										35													48
*0754	-	25																							48
*0760	-			27																					48
*080101-080105, 0805, 0808N, 0810, 0811, 0815, 0818, 0819N, 0822-0824, 0827, 0829, 0830, 0833, 0834	B8, Null		26						32																48
*0802	B8		26						32												44				48
*0803	B8		26						32																48
*0804	-		26						32			35													48
*0806, 0813, 0820	B8		26																						48
*0807, 0814	-		26																						48
*0809	-		26						32																48
*0812, 0816, 0831	-		26						32																48
*0817			26						32			35													48
*0821	-		26	27					32																48
*0825	-		26	27																					48
*0826, 4207	-								32																48
*0828	-		26									36													48
*0832	-		26						32										42						48

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*1301, 1317, 1320	B13			27	28						34							41							
*130201-130204, 1308Q, 1315, 1318, 1319	B13			27	28						34														
*1303	-			27	28																				
*1304, 1310	-			27	28								36												
*1306	-			27	28													41							
*1307N	Null			27	28						34							41							
*1309	-				28						34														
*1311	-			27	28						34														
*1312, 1313	-			27	28													41							
*1314	-			27							34														
*1316	-			27	28						34														
*1321	-			27	28																				
*1401, 1407N	B64				28	29																		47	48
*140201-1404	B65				28		30																	47	48
*1405-140602	-						30																	47	48
*15010101- 15010102N, 150103, 1504, 1526N, 152701, 1532, 1534, 1535, 1538, 1550, 1556, 1557, 1560, 1570, 1571, 1575, 1579N, 1581, 1582, 1592, 1594N, 1596, 1597, 9502, 9504, 9505, 9509-9511N, 9513, 9517, 9518, 9522, 9525, 9528, 9529	B62, Null, B15							31				36							43						
*150102	B62							31		33			36							43					
*150104	B62												36							43					
*150106, 1507	B62			27				31					36							43					
*1502, 1588, 9512, 9521	B75							31					36					41		43					
*1503, 1547, 1549, 1561, 1598, 9503, 9523, 9527, 9532	B72								32			35	36							43					
*1505, 1506, 1533, 1539, 1540, 1565, 1578, 1584, 9507	B62, B15							31					36							43					
*1508, 151101-151103, 1515	B75							31					36							43					

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*1509	B70								32	33	34									43					
*1510, 1537, 1590, 1599, 9533	B71								32		34										43				
*1512, 1514, 1519	B76							31					36	37							43				
*1513	B77							31					36		38			41		43					
*1516, 1567, 1595	B63									33			36		38						43				
*15170101-151702	B63							31		33					38						43				
*1518, 1551, 1552, 1572, 1593, 9508, 9514, 9519, 9534	B71								32		34		36								43				
*1520, 1525	B62							31					36					41		43					
*1521, 1544	B75							31			34		36					41		43					
*1523	-								32		34		36		38						43				
*1524, 1587	B62							31					36		38						43				
*152702	-			27									36												
*1528	B15							31					36								43				
*1529	B15								32				36								43				
*1530, 1558, 1563	B62, B15							31													43				
*1531	B75							31					36								43				
*1536	-			27				31					36					41		43					
*1542	-							31													43				
*1543	-							31					36								43				
*1545	B62			27				31													43				
*1546	B72				28			31	32				36								43				
*1548	B62							31													43				
*1553	-				28				32				36								43				
*1554	-								32			35	36								43				
*1555	-			27				31					36								43				
*1562	-								32			35	36					41		43					
*1564	-								32			35	36								43				
*1566	-							31			34		36								43				
*1568	-			27				31	32			35	36								43				
*1569	-								32			35	36								43	45			
*1573	-							31													43				
*1574	-								32				36								43				
*1576, 9501	-							31					36								43				
*1577	-							31										41		43					
*1580	-								32		34		36					41		43					
*1583	-							31	32												43				
*1585	-							31					36					41		43					
*1586	-							31													43				
*1589	-			27				31					36					41		43					
*1591, 9531	-								32			35	36	37							43				

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*9506	-				28			31	32				36					41	43						
*9515	-								32		34		36							43	44				
*9516	-							31					36							43					
*9520	-							31					36							43					
*9524	-								32		34		36							43					
*9526, 9535	-			27				31					36							43					
*9536	-			27				31					36							43		45			
*9537	-			27				31												43					
*9538	-	25						31					36							43					
*9539	-			27				31					36					41	43						
*180101-1803, 1805-1808, 1810, 1811, 1813-1815, 1817N, 1818, 1820, 1821, 1823N-1825, 1827	B18												36			39			42						
*1804	-												36			39			42						
*1809	-												36			39					44				
*1812	-												36			39			42						
*1819	-												36			39			42						
*1822	-												36			39		41	42						
*1826	-															39			42						
*2701	B27					29											40								
*2702	B27					29											40								
*2703-270402, 270502-2706, 2709, 2710, 2713, 2717, 2720, 2727, 2731, 2735-2737	B27					29											40								
*2707, 2711, 2714, 2715, 2721, 2728, 2732, 2734, 2738	B27																40								
*2708, 2726	B2708					29											40								
*2712	-					29											40								
*2716	-					29											40								
*2718	-					29						35					40								
*2719	-																40	41							
*2723	-					29											40								
*2724	-																40								
*2725	-																40								
*2729	-					29						35					40								
*2730	-																40	41							
*2733	-																40								
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*350101-350106, 3507-350803, 3511, 3515, 352001-352002, 3523, 3529, 3540N-3542, 3548, 3550, 3552, 3554, 3557, 3561, 3577, 3578, 3582	B35												36					41	42						
*350201-350401, 3506, 3512, 3533, 3534, 3536, 3539, 3555, 3559, 3565Q, 3570, 3574, 3583	B35																	41	42						
*350402	-									33								41	42						
*3505, 3551, 3558, 3572	B35			27									36						42						
*350901-350902, 3518, 3531, 3575	B35																		42						
*3510, 3528, 3569	-												36					41	42						
*3513	B35																	41	42						
*351401-351402, 3562	B35												36					41	42						
*3516	-			27									36					41	42						
*3517, 3530	B35			27									36					41	42						
*3519	B35												36					41							
*3521, 3524	-												36					41	42						
*3522	-			27															42						
*3525, 3549	-												36					41							
*3526	-						30						36					41							
*3527	B35												36					41							
*3532, 3537, 3553N, 3564, 3568	-												36						42						
*3535	-												36					41	42			45			
*3538	-																	41	42						
*3543, 3567, 3579	B35												36						42						
*3544	-																		42						
*3545, 3571	-												36	37				41	42						
*3546	-												36					41							
*3547	-				28								36					41							
*3556	-																	41							
*3560	-																		42						
*3563	-				28								36					41							
*3566	-												36						42						
3576	-												36					41	42						
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
*370101-370103, 3703N, 3706, 3713	B37, Null													37				41			44					
*370104	-													37				41			44					
*3702	-					29								37							44					
*3704	-													37				41			44					
*3705	-													37				41			w					
*3707	-	25												37							44					
*3708	-													37				41			44					
*3709	-													37							44					
*3710	-																	41			44					
*3711	-																	41	42							
*3712	-								32					37							44					
*380101-380102, 3809, 3811-3814, 3816	B38					29																	45	46	47	
*380201-380202, 3808, 3815	B38					29															44	45	46	47		
*3803	B16					29						35									44	45	46			
*3804	-																				44	45	47			
*3805	-						30															45	46	47		
*3806	-																					45				
*3807	-					29																45				
*3810	-					29																	46	47		
*3817	-					29								37							44	45	46	47		
*39010101-39010102L, 390103-390104, 3903, 3905-390602, 3909, 3911, 3914, 3915, 3924, 3926-3929, 3931, 3935, 3937, 3938Q, 3940N, 3941	B3901, B39					29																	45		47	48
*390201, 3908	B3902, B39					29						35											45		48	
*390202, 391301- 391302, 3923	B3902, B39											35											45		48	
*3904	B39						30															45	47	48		
*3907	-					?	?						36									45	47	48		
*3910, 3916, 3920	B39																					45		48		
*3912	-																					45	47	48		
*3917	-																					45		48		
*3918	-					29																45	47	48		
*3919	-																		42			45	47	48		
*3922	-					29																45	47	48		
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*3925N, 3930, 3932-3934	-					29																		47	48
*3936	-					29																		47	48
*3939	-					29					35											45			48
*3942	-					29												41				45			
*3943	-					29						36													
*400101-400105, 4007	B60, B40				28																				48
*400201-400203, 4004, 40060101-400602, 4039, 4075, 4078	B61, B40																								
*4003, 4020	B40											36													
*4005	B4005			27																					
*4008	-																								
*4009, 4011, 4018, 4024, 4027, 4029, 4035, 4037, 4040, 4044, 4050, 4056, 4057, 4064	B61, B40																								?
*4010, 4022N, 4033, 4036, 4042, 4043, 4049, 4054, 4055, 4061-4063, 4065-4067, 4073	Null, B40, B60				28																				?
*4012	-								32		35								43						
*4013, 4019	-																								
*401401-401403, 4053, 4072	-				28																				?
*4015, 4016, 4032	B61	25			28																				?
*4021	-																								?
*4023	-	25			28																				48
*4025	-				28																				?
*4026	B21									33															?
*4028	-									33								41							?
*4030, 4034	-				28																				?
*4031, 4045	-				28																				?
*4038, 4052	-				28							36													?
*4046	-										35						40								?
*4047	-				28																				?
*4048	-				28					34															?
*4051	-				28																				48
*4058	-				28																				?
*4059	-				28							36													48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*4060	-				28								36												48
*4068	-																								?
*4069	-				28																				?
*4070	-																								
*4071	-				27																				?
*4074	-																								?
*4076	-				28																				
*4101, 4106, 4107	B41				28				32																48
*4102	B41				28				32																48
*410301-410302	B41				28				32																48
*4104	-				28																				48
*4105	-				28				32																48
*4108	-	25			28				32						38										48
*4201, 4202, 4206	B42								32																48
*4204	-								32																48
*420501-420502	-	25							32						38										48
*4208	-								32																48
*4209	-												36												48
*44020101-440204, 4411, 4416, 4419N, 4421-4424, 4427, 4433, 4434, 4448, 4451, 4452N, 4455	B44, B47, Null				28													41							
*440301-4405, 4413, 4426, 4428-4430, 4432, 4435, 4436, 4438, 4439, 4442, 4445, 4456N	B44				28													41							
*4406	B44																	41							
*4407																		41							
*4408	B44				27													41							
*4409	B12				28													41							
*4410	-				28							35						41	43						
*4412	-				28													41							
*4414	-				28				32									41							
*4415	-				28				32			35						41							
*4417, 4443	-				28							36	37					41							
*4418	-				28				32			35													
*4420	-				28				32																
*4425	-				28													41							
*4431	-				28																				
*4437	-				28													41							
*4440	-											35					40	41							
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*4441	-				28																				
*4444	-											35					40	41							
*4446	-				28													41							
*4447	-				28																				
*4449	-			26	28													41							
*4450	-				28													41							
*4453	-				28																				
*4454	-				27	28																			
*4457	-				27													41							
*4501, 4505, 4507	B45				28				32			35													48
*4502, 4503	-				28				32																48
*4504	-				28				32																48
*4506	-				28				32			35													48
*460101-460102, 4604, 4605, 4607N, 4609	B46								31				36												
*4602	-								31				36												
*4603, 4608	-								31				36												
*4606	-								31				36												
*4610	-								31				36												
*4611	-				27				31																
*4612	-				27				31				36												
*47010101-47010102	B47				28																				
*4702	-				28																				
*4703	-				28																				
*4704, 4705	-				28	29																			
*480101-480102, 4807, 4809, 4811, 4819	B48												35												48
*4802	-												35	36				41							48
*480301-480302	B48												35												48
*4804	B48												35												48
*4805, 4808	B48	25											35												48
*4806	-																								48
*4810, 4812	-												35												48
*4813	-												35												48
*4814	-												35	36											48
*4815	-	25											35												48
*4816	-												35												48
*4817	-												35												48
*4818	-												35												
*4901	B49				28																				
*4902	-				28																				
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
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Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*5712	-																	41							
*5713												36													
*5714				27								36						41							
*5801, 5804, 5805, 5810N-5814	B58											36						41							
*5802, 5806	B58											36													
*5807	-											36	37												
*5808	-									33															
*5809	-											36						41							
*5815	-											36						41							
*5901	B59																								
*5902	-																								
*670101	B67					29																	45		48
*670102	B67																						45		48
*6702	-																						45		48
*7301	B73																								48
*7801, 780202, 7803	B78									33									42						
*780201, 7804	B78									33									42						
*7805	-									33									42						
*8101	B81																								
*8102	-																								48
*8103	-																								
*8201, 8202	-								32			35							43						
*8301	-																	41							
HLA-B allele ⁴	ser. ⁵																								
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Cw*0206												?													
Cw*0305, 0325, 0327				27																					
Cw*0746									32																
Well No.		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

INTERPRETATION TABLE

HLA-B low resolution SSP

Amplification patterns of the B*0702 to B*8301 alleles⁶

Well																													
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72						
175	130	110	325	110	215	130	90	90	145	120	430	145	300	160	180	180	90	90	95	115	360	355	290			Length of spec. PCR product			
				190		270	410			175					210					150									
				225																									
				260																									
1070	1070	1070	1070	1070	800	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	800	1070	1070	1070	1070	1070	800			Length of int. pos. control ¹			
363	106	540	1 st	355	141	209	41	209	206	357	49	206	1 st	1 st	141	420	209	209	206	165	1 st	1 st	355			5'-primer(s) ²			
5'-Agg ^{3'}	5'-CCg ^{3'}	5'-gAC ^{3'}	5'-CAG ^{3'}	5'-TCA ^{3'}	5'-ATT ^{3'}	5'-ggC ^{3'}	5'-CTg ^{3'}	5'-ggC ^{3'}	5'-gAA ^{3'}	5'-Tgg ^{3'}	5'-Cag ^{3'}	5'-gAA ^{3'}	5'-Cag ^{3'}	5'-Cag ^{3'}	5'-ATT ^{3'}	5'-TTA ^{3'}	5'-ggC ^{3'}	5'-ggA ^{3'}	5'-gAC ^{3'}	5'-ACC ^{3'}	5'-Cag ^{3'}	5'-Cag ^{3'}	5'-TCA ^{3'}						
				418	357	209	368	363						418	420		362	369		463			363						
				5'-Agg ^{3'}	5'-Tgg ^{3'}	5'-ggg ^{3'}	5'-gTT ^{3'}	5'-AgC ^{3'}						5'-Agg ^{3'}	5'-TTA ^{3'}		5'-ggT ^{3'}	5'-TAC ^{3'}		5'-TgA ^{3'}			5'-AgC ^{3'}						
				499		355																							
				5'-TCT ^{3'}		5'-TCA ^{3'}																							
499	193	603	282	538	309	299	282	259	309	435	309	311	259	175	311	559	256	256	259	272	317	311	610			3'-primer(s) ³			
5'-ggA ^{3'}	5'-CgT ^{3'}	5'-gTg ^{3'}	5'-gCC ^{3'}	5'-gTC ^{3'}	5'-ATC ^{3'}	5'-TCA ^{3'}	5'-gCC ^{3'}	5'-gTT ^{3'}	5'-ATC ^{3'}	5'-TCT ^{3'}	5'-ATC ^{3'}	5'-ggT ^{3'}	5'-CTC ^{3'}	5'-CCg ^{3'}	5'-ggT ^{3'}	5'-Cag ^{3'}	5'-CCC ^{3'}	5'-CCC ^{3'}	5'-gTT ^{3'}	5'-TgC ^{3'}	5'-ggA ^{3'}	5'-ggT ^{3'}	5'-CTC ^{3'}						
		610		572	538	583	418	499		527				538	559		559	256		538									
		5'-CTC ^{3'}		5'-gCg ^{3'}	5'-gTC ^{3'}	5'-gTg ^{3'}	5'-gTC ^{3'}	5'-ggA ^{3'}		5'-CCT ^{3'}				5'-gTC ^{3'}	5'-CgT ^{3'}		5'-CgT ^{3'}	5'-CTC ^{3'}		5'-CCA ^{3'}									
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72			Well No.			
																											ser. ⁵	HLA-B allele ⁴	

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			52																			71	72	B7	*070201-070207, 070501-0706, 0710, 0712, 0714, 071801- 071802, 0721-0723, 0726, 0728-0731, 0734, 0735, 0739, 0741, 0743-0747, 0749N, 0752, 0755- 0759	
																						71	72	B7, B703	*0703, 0708, 0716, 0732, 0737	
		51	52																			71	72	B7	*0704, 0725	
			52																			71		B7	*0707, 0742	
			52																			71	72	B7	*0709, 0711, 0717	
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		51	52																			71	72	-	*0719	
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																					70	72	-	*0727		
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		51																			70	72	B8	*0802		
		51																			70	72	B8	*0803		
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													62								70			B13	*130201-130204, 1308Q, 1315, 1318, 1319
													62			65					70			-	*1303
													62								70			-	*1304, 1310
													62		64						70			-	*1306
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																						71		B64	*1401, 1407N
																						71		B65	*140201-1404
																						71		-	*1405-140602
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													62								69	71		B62	*150102
													62	63							69	71		B62	*150104
													62								69	71		B62	*150106, 1507
										57												71		B75	*1502, 1588, 9512, 9521
													62									71		B72	*1503, 1547, 1549, 1561, 1598, 9503, 9523, 9527, 9532
													62									71		B62, B15	*1505, 1506, 1533, 1539, 1540, 1565, 1578, 1584, 9507
										57											69	71		B75	*1508, 151101-151103, 1515

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																							71		B71	*1510, 1537, 1590, 1599, 9533
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																						70			B63	*15170101-151702
																							71		B71	*1518, 1551, 1552, 1572, 1593, 9508, 9514, 9519, 9534
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													62										71		-	*1591, 9531

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																		68				70		-	*1809
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																			68			71			B35	*3505, 3551, 3558, 3572
																			68			71			B35	*350901-350902, 3518, 3531, 3575
												62										71			-	*3510, 3528, 3569
												62										71			B35	*3513
																			68	69		71			B35	*351401-351402, 3562
												62										71			-	*3516
																			68			71			B35	*3517, 3530
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																			68			71			-	*3522
																						71			-	*3525, 3549
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																					70			B38	*380101-380102, 3809, 3811-3814, 3816	
																					70			B38	*380201-380202, 3808, 3815	
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													62									71		B3902, B39	*390201, 3908	
													62									71		B3902, B39	*390202, 391301- 391302, 3923	
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	50											61	62									71		B4005	*4005
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49													62									71		B48	*480301-480302	
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									59				62			65						70		-	*4902	
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										59		61	62			65						71			B45	*5002
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			52				56	57														71	72	B81	*8101
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