

[illegible]

		5'-CCA 3'		5'-ggC 3'									
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
DRB1 allele ¹⁰	ser ⁵												
*01:01:01-01:02:05, 01:04-01:34	DR1, Null, –	73											
*01:03	DR103, DR1		74										
*03:01:01:01-03:01:09, 03:04-03:06, 03:09, 03:11-03:16, 03:18-03:20, 03:22-03:23, 03:25-03:26, 03:28, 03:30-03:31, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:58	DR17, DR3, –					77	78						
*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53	DR18, DR3, –					77		79					
*03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41, 03:49	DR3, –					77							
*03:08	DR3					77	78					83	
*03:10	DR3					77	78						
*03:42	–					77							
*03:46	–					77	78						
*04:01:01-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:92	DR4, DR3, Null, –								80				
*04:62, 04:69, 04:73	DR4, –								80				
*07:01:01-07:01:03, 07:03-07:19	DR7, Null, –									81			
*08:01:01-08:02:03, 08:04-01-08:07, 08:11, 08:16-08:17, 08:22, 08:24, 08:26, 08:28, 08:39	DR8, –										82		
*08:03:02, 08:10, 08:12-08:15, 08:18-08:19, 08:23, 08:25, 08:27, 08:29-08:30:02, 08:33-08:34, 08:36-08:38	DR8, –										82		
*08:08	DR8										82		
*08:09, 14:15 ⁶	DR8										82		
*08:20, 13:18, 13:47, 13:55 ⁷	DR13, –												
*08:21	DR8										82		
*08:31, 08:41, 11:67 ⁸	DR8, DR11, –										82		
*08:32	–										82		
*08:35	–										82		
*08:40	–						78				82		
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:09	DR9, –											83	
*09:01:06, 09:03	DR9											83	
*10:01:01-10:03	DR10, –												84
*11:01:01-11:01:12, 11:04:01-11:04:06, 11:06:01-11:06:02, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:30, 11:32-11:33, 11:35, 11:37-11:39, 11:43-11:44, 11:46-11:47, 11:49-11:51, 11:54:01-11:54:02, 11:56, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74-11:75, 11:77-11:78, 11:81, 11:84, 11:88, 11:90-11:92, 11:94-11:95, 11:97	DR11, –												
*11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:16, 11:20-11:21, 11:36, 11:40-11:41, 11:48, 11:59, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:80, 11:83, 11:85-11:87, 11:93	DR11, DR11, DR13, –						78						
*11:05	DR11												
*11:07, 11:53	DR11					77						83	
*11:08:01-11:08:02, 11:18-11:19:02, 11:42, 11:57	DR11												
*11:13:01-11:13:02	DR11							w					
*11:17, 11:52	DR14, DR11												
*11:22, 11:98	–												
*11:23, 11:25, 11:96	DR11, –												
*11:26, 11:34	DR11							79					
*11:31, 11:45, 11:64	DR11, –												
*11:55	DR11												
*11:69, 11:82	–												
*11:73, 11:79	–						78						
*11:89	–												
*12:01:01-12:01:03, 12:03:02, 12:05-12:12, 12:14, 12:17, 12:24N-12:25	DR12, Null, –												
*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:21, 12:23, 12:26	DR12, –												
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
*12:04	DR12										82		
*12:16	–										82		
*12:22	–									81	82		
*13:01:01-13:02:01, 13:02:03-13:02:04, 13:04, 13:08, 13:16, 13:20, 13:22-13:24, 13:27-13:29, 13:31-13:32, 13:34-13:36, 13:38-13:41, 13:48, 13:51-13:52, 13:54, 13:59, 13:61, 13:63-13:65, 13:68-13:76, 13:78-13:80, 13:83-13:84, 13:87, 13:91-13:93, 13:96-13:99, 13:102	DR13, DR11, DR14, –						78						
*13:02:02, 13:03:01-13:03:06, 13:10, 13:33:01-13:33:03, 13:37, 13:66:01-13:66:02, 13:81, 13:88-13:90, 13:94-13:95, 13:101	DR13, –						78						
*13:05:01-13:05:02, 13:07:01-13:07:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:21:01-13:21:02, 13:42, 13:46, 13:49-13:50:02, 13:62, 13:100	DR13, DR11, DR6, –												
*13:06, 13:12, 13:25, 13:30, 13:56, 13:58, 13:60, 13:77, 13:82	DR13, DR11, DR6, –												
*13:09	DR13												
*13:13, 14:84 ⁹	DR13, –												
*13:15, 13:19, 13:53, 13:57	DR13						78	79					
*13:17	DR13						78			81			
*13:26	DR14							79					
*13:43	DR13						78						
*13:44, 13:86	–							79					
*13:45	DR13						78						
*13:67, 13:103	DR13, –												
*13:85	–						78	79					
*14:01:01-14:01:02, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:35, 14:38-14:39, 14:54-14:55, 14:57, 14:60-14:62, 14:70-14:71, 14:75-14:76, 14:79, 14:86-14:88, 14:90, 14:99	DR14, DR1404, DR4, DR6, –												
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84

*14:01:03, 14:08, 14:23:02, 14:34, 14:72, 14:92N, 14:97	DR14, Null, –												
*14:02, 14:06:01-14:06:02, 14:09, 14:13, 14:17, 14:20, 14:29-14:30, 14:33, 14:41, 14:47-14:48, 14:51, 14:80, 14:83, 14:94	DR14, DR6, –							79					
*14:03:01-14:03:02, 14:12:01-14:12:02, 14:40, 14:63, 14:67, 14:77-14:78, 14:85	DR1403, DR14, DR6, –							79					
*14:05:01-14:05:03, 14:14, 14:23:01, 14:23:03, 14:36, 14:43-14:45, 14:56, 14:59, 14:64, 14:91, 14:96, 14:100	DR14, –												
*14:11	DR14									82			
*14:16	DR6						78						
*14:18, 14:81	DR14, –							79					
*14:19, 14:21	DR14						78	79					
*14:22	DR14												
*14:24	DR14							79					
*14:25, 14:53	DR6, DR13, 14												
*14:27	DR14							79					
*14:32:01-14:32:02	DR14							w					
*14:37	DR14												
*14:42	–												
*14:46, 14:52	DR14												
*14:49	DR14							79					
*14:50	DR14									81			
*14:58	DR14												
*14:65	DR6							w					
*14:68, 14:93	DR14, –									82			
*14:69	–												
*14:73	–												
*14:74	–												
*14:82	–						78						
*14:89	–							79					
*14:95	–						78						
*14:98	–							79					
*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:49, 15:51	DR15, DR2, Null, –			75									
*15:21	DR2			75									
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84
*15:25	–			75		77							

*15:27, 15:34	–			75									
*15:50N	Null			w									
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17	DR16, Null, –				76								
*16:04	DR16				76								
DRB3*01:01:02:01-01:14, DRB3*02:01-02:25, DRB3*03:01:01-03:03	DR52, –												
DRB4*01:01:01:01-01:03:01:01, 01:03:02-01:08	DR53, –												
DRB4*01:03:01:02N	Null												
DRB5*01:01:01-01:14, DRB5*02:02-02:05	DR51, Null, –												
Well No.	ser ⁵	73	74	75	76	77	78	79	80	81	82	83	84

[illegible]

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
												ser ⁵	DRB1 allele ¹⁰
												DR1, Null, –	*01:01:01-01:02:05, 01:04-01:34
												DR103, DR1	*01:03
				89								DR17, DR3, –	*03:01:01-01-03:01:09, 03:04-03:06, 03:09, 03:11-01-03:16, 03:18-03:20, 03:22-03:23, 03:25-03:26, 03:28, 03:30-03:31, 03:33-03:34, 03:36-03:37, 03:43-03:45, 03:47-03:48, 03:50-03:52, 03:54-03:58
				89								DR18, DR3, –	*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53
				89								DR3, –	*03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41, 03:49
85												DR3	*03:08
						91	92					DR3	*03:10
												–	*03:42
												–	*03:46
												DR4, DR3, Null, –	*04:01:01-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:92
					90							DR4, –	*04:62, 04:69, 04:73
												DR7, Null, –	*07:01:01-01-07:01:03, 07:03-07:19
			88									DR8, –	*08:01:01-08:02:03, 08:04:01-08:07, 08:11, 08:16-08:17, 08:22, 08:24, 08:26, 08:28, 08:39
												DR8, –	*08:03:02, 08:10, 08:12-08:15, 08:18-08:19, 08:23, 08:25, 08:27, 08:29-08:30:02, 08:33-08:34, 08:36-08:38
			88		90							DR8	*08:08
			88				92					DR8	*08:09, 14:15 ⁶
		87	88	89			92					DR13, –	*08:20, 13:18, 13:47, 13:55 ⁷
		87	88				92					DR8	*08:21
85			88									DR8, DR11, –	*08:31, 08:41, 11:67 ⁸
	86						92					–	*08:32
							92					–	*08:35
												–	*08:40
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

Negative Control

						91							DR9, –	*09:01:02-09:01:05, 09:01:07-09:02:02, 09:04-09:09
													DR9	*09:01:06, 09:03
													DR10, –	*10:01:01-10:03
85		87	88										DR11, –	*11:01:01-11:01:12, 11:04:01-11:04:06, 11:06:01-11:06:02, 11:09-11:10:02, 11:12:01-11:12:02, 11:15, 11:24, 11:27:01-11:30, 11:32-11:33, 11:35, 11:37-11:39, 11:43-11:44, 11:46-11:47, 11:49-11:51, 11:54:01-11:54:02, 11:56, 11:58:01-11:58:02, 11:60-11:62, 11:66, 11:72, 11:74-11:75, 11:77-11:78, 11:81, 11:84, 11:88, 11:90-11:92, 11:94-11:95, 11:97
85		87	88										DR11, DR11, DR13, –	*11:02:01-11:03, 11:11:01-11:11:02, 11:14:01-11:14:02, 11:16, 11:20-11:21, 11:36, 11:40-11:41, 11:48, 11:59, 11:63, 11:65:01-11:65:02, 11:68, 11:70, 11:76, 11:80, 11:83, 11:85-11:87, 11:93
85			88										DR11	*11:05
85													DR11	*11:07, 11:53
85		87											DR11	*11:08:01-11:08:02, 11:18-11:19:02, 11:42, 11:57
85						91	92						DR11	*11:13:01-11:13:02
85						91	92						DR14, DR11	*11:17, 11:52
85													–	*11:22, 11:98
85		87	88				92						DR11, –	*11:23, 11:25, 11:96
85													DR11	*11:26, 11:34
85		87					92						DR11, –	*11:31, 11:45, 11:64
85			88				92						DR11	*11:55
85			88		90								–	*11:69, 11:82
85		87											–	*11:73, 11:79
85							92						–	*11:89
	86												DR12, Null, –	*12:01:01-12:01:03, 12:03:02, 12:05-12:12, 12:14, 12:17, 12:24N-12:25
	86		88										DR12, –	*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:21, 12:23, 12:26
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.	

85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
	86											DR12	*12:04
	86		88									–	*12:16
	86											–	*12:22
		87	88	89								DR13, DR11, DR14, –	*13:01:01-13:02:01, 13:02:03-13:02:04, 13:04, 13:08, 13:16, 13:20, 13:22-13:24, 13:27-13:29, 13:31-13:32, 13:34-13:36, 13:38-13:41, 13:48, 13:51-13:52, 13:54, 13:59, 13:61, 13:63-13:65, 13:68-13:76, 13:78-13:80, 13:83-13:84, 13:87, 13:91-13:93, 13:96-13:99, 13:102
		87		89								DR13, –	*13:02:02, 13:03:01-13:03:06, 13:10, 13:33:01-13:33:03, 13:37, 13:66:01-13:66:02, 13:81, 13:88-13:90, 13:94-13:95, 13:101
		87	88	89								DR13, DR11, DR6, –	*13:05:01-13:05:02, 13:07:01-13:07:02, 13:11:01-13:11:02, 13:14:01-13:14:03, 13:21:01-13:21:02, 13:42, 13:46, 13:49-13:50:02, 13:62, 13:100
		87		89								DR13, DR11, DR6, –	*13:06, 13:12, 13:25, 13:30, 13:56, 13:58, 13:60, 13:77, 13:82
			88	89								DR13	*13:09
		87		89			92					DR13, –	*13:13, 14:84 ⁹
		87	88	89								DR13	*13:15, 13:19, 13:53, 13:57
			88									DR13	*13:17
		87	88	89								DR14	*13:26
		87	88			91	92					DR13	*13:43
				89								–	*13:44, 13:86
		87	88		90		92					DR13	*13:45
		87	88									DR13, –	*13:67, 13:103
		87		89								–	*13:85
					90	91	92					DR14, DR1404, DR4, DR6, –	*14:01:01-14:01:02, 14:04, 14:07:01-14:07:02, 14:10, 14:26, 14:28, 14:31, 14:35, 14:38-14:39, 14:54-14:55, 14:57, 14:60-14:62, 14:70-14:71, 14:75-14:76, 14:79, 14:86-14:88, 14:90, 14:99
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.

						91	92						DR14, Null, –	*14:01:03, 14:08, 14:23:02, 14:34, 14:72, 14:92N, 14:97
					89		91						DR14, DR6, –	*14:02, 14:06:01-14:06:02, 14:09, 14:13, 14:17, 14:20, 14:29-14:30, 14:33, 14:41, 14:47-14:48, 14:51, 14:80, 14:83, 14:94
		87			89			92					DR1403, DR14, DR6, –	*14:03:01-14:03:02, 14:12:01-14:12:02, 14:40, 14:63, 14:67, 14:77-14:78, 14:85
					89		91	92					DR14, –	*14:05:01-14:05:03, 14:14, 14:23:01, 14:23:03, 14:36, 14:43-14:45, 14:56, 14:59, 14:64, 14:91, 14:96, 14:100
							91	92					DR14	*14:11
		87	88		90		91	92					DR6	*14:16
					89			91	92				DR14, –	*14:18, 14:81
		87			89		w						DR14	*14:19, 14:21
		87	88		90		91	92					DR14	*14:22
			88		89								DR14	*14:24
		87	88		90			92					DR6, DR13, 14	*14:25, 14:53
		87	88		89			92					DR14	*14:27
					90		91	92					DR14	*14:32:01-14:32:02
			88		89	90							DR14	*14:37
					89			92					–	*14:42
							91						DR14	*14:46, 14:52
					90		91	92					DR14	*14:49
					90		91	92					DR14	*14:50
					90			92					DR14	*14:58
				89			91	92					DR6	*14:65
					90		91	92					DR14, –	*14:68, 14:93
		87			90			92					–	*14:69
			88		90		91	92					–	*14:73
		87			90		91	92					–	*14:74
					90		91	92					–	*14:82
				89				92					–	*14:89
				89			91	92					–	*14:95
		87			89								–	*14:98
													DR15, DR2, Null, –	*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:49, 15:51
							w						DR2	*15:21
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.	
85	86	87	88	89	90	91	92	93	94	95	96	DR	Well No.	
												–	*15:25	

						91					Negative Control	-	*15:27, 15:34
												Null	*15:50N
												DR16, Null, -	*16:01:01-16:03, 16:05:01- 16:05:02, 16:07-16:17
						w						DR16	*16:04
								93				DR52, -	<i>DRB3*01:01:02:01-01:14, DRB3*02:01:02:25, DRB3*03:01:01-03:03</i>
									94			DR53, -	<i>DRB4*01:01:01:01- 01:03:01:01, 01:03:02-01:08</i>
					90				94			Null	<i>DRB4*01:03:01:02N</i>
										95		DR51, Null, -	<i>DRB5*01:01:01-01:14, DRB5*02:02-02:05</i>
85	86	87	88	89	90	91	92	93	94	95	96	ser ⁵	Well No.