

		5'-gCg 3'		5'-CgC 3'	5'-ggC 3'					5'-CAC 3'									5'-Cag 3'					
		86(344)		71(299)																				
		5'-CCA 3'		5'-gCT 3'																				
				73(305)																				
				5'-ggC 3'																				
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele ⁴	ser ⁹																							
*01:01:01-01:02:08, 01:04-01:38, 01:40N-01:41, 01:43-01:45	DR1, Null, -	65																						
*01:03, 01:39N	DR103, Null		66																					
*01:42	-	65	66																					
*03:01:01-01:03:01:19, 03:04:01-03:06, 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, 03:54-03:63, 03:66-03:68N, 03:70-03:73, 03:75, 03:77-03:80, 03:11:02	DR17(3), DR3, Null, -					69	70											81						
*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74	DR18(3), -					69		71										81						
*03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41, 03:49	DR3, -					69												81						
*03:08, 03:65	-					69	70				75		77											
*03:10	DR17(3)					69	70												83	84				
*03:42, 03:69	-					69																		
*03:46, 03:64	-					69	70																	
*03:76	-						70					76			79		81							
*04:01:01-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:107	DR4, Null, -								72															
*04:62, 04:69, 04:73, 04:105	-								72									82						
*07:01:01-01:07:01:04, 07:03-07:22	DR7, Null, -									73														
*08:01:01-08:02:04, 08:04:01-08:07, 08:11, 08:16-08:17, 08:22, 08:24, 08:26, 08:28, 08:39, 08:42-08:44	DR8, -										74					80								

[illegible]

*11:17, 11:52	DR11(5), -													77					83	84				
*11:22, 11:98, 11:104	-													77										
*11:23, 11:25, 11:96	DR11(5), -													77		79	80			84				
*11:26, 11:34	DR11(5), -							71						77										
*11:31, 11:45, 11:64, 11:119	-													77		79				84				
*11:55	-													77			80			84				
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele ⁴	ser ⁹																							
*11:59, 11:80, 11:83, 11:87	-						70						76	77		79	80							
*11:69, 11:82	-													77			80		82					
*11:73, 11:79	-						70							77		79								
*11:89	-													77						84				
*12:01:01-12:01:04, 12:03, 12:05-12:12, 12:14, 12:17, 12:24N-12:25, 12:28-12:30, 12:34-12:35	DR12(5), Null, -														78									
*12:02:01-12:02:05, 12:13, 12:15, 12:18-12:21, 12:23, 12:26-12:27, 12:31N-12:33	DR12(5), Null, -														78		80							
*12:04	-										74				78									
*12:16	-										74				78		80							
*12:22	-									73	74				78									
*13:01:01-13:02:01, 13:02:03-13:02:05, 13:04, 13:08, 13:16, 13:20, 13:22-13:24, 13:28-13:29, 13:31-13:32, 13:34-13:36, 13:38-13:40, 13:48, 13:51-13:52, 13:54, 13:59, 13:61:01-13:61:02, 13:63-13:65, 13:68-13:70, 13:72-13:76, 13:78-13:80, 13:83-13:84, 13:87, 13:91-13:93, 13:96:01-13:99, 13:102, 13:105-13:107, 13:109, 13:111-13:114, 13:117, 13:121, 13:123-13:128, 13:130-13:131, 13:135, 13:138-13:139	DR13(6), DR14(6), Null, -						70									79	80	81						
*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, 13:115, 13:120, 13:133, 13:137N	DR13(6), Null-,						70									79		81						

[illegible]

*14:03:01-14:03:02, 14:12:01-14:12:02, 14:40, 14:63, 14:67, 14:77-14:78, 14:85, 14:102, 14:115	DR14(6), DR1403, -							71								79		81		84				
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele ⁴	ser ⁹																							
*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, 14:103, 14:123	DR14(6), -																	81		83	84			
*14:11	DR14(6)									74										83	84			
*14:16	DR6					70									79	80		82	83	84				
*14:18, 14:81	DR6, -						71											81		83	84			
*14:19, 14:21, 14:109	DR14(6), -					70	71								79			81		w				
*14:22, 14:105	DR14(6), -														79	80		82	83	84				
*14:24	-						71									80	81							
*14:25, 14:53	DR13(6), -														79	80		82		84				
*14:27	DR14(6)						71								79	80	81			84				
*14:32:01-14:32:02	-						w											82	83	84				
*14:37	-															80	81	82						
*14:42	-																81			84				
*14:46, 14:52	-																		83					
*14:49, 14:119	DR14(6), -						71											82	83	84				
*14:50	DR14(6)									73								82	83	84				
*14:58	-																	82		84				
*14:65	-						w										81		83	84				
*14:68, 14:93	-									74								82	83	84				
*14:69	-														79			82		84				
*14:73	-															80		82	83	84				
*14:74	-														79			82	83	84				
*14:82	-					70												82	83	84				
*14:89	-						71											81			84			
*14:95	-					70												81		83	84			
*14:98	-						71								79			81						
*15:01:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:71	DR15(2), DR2, Null, -			67																				
*15:21	-			67																w				
*15:25	-			67		69																		
*15:27, 15:34, 15:66	-			67															83					
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19	DR16(2), DR2, Null, -				68																			
*16:04, 16:18	DR16(2), -				68															w				
Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87

Well No.	DR	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
DRB1 allele ⁴	ser ⁹																							
DRB3*01:01:02:01-01:15, DRB3*02:01-02:26, DRB3*02:28-02:29N, DRB3*03:01:01-03:03	DR52, Null, -																					85		
DRB3*02:27	-															79						85		
DRB4*01:01:01:03:01:01, DRB4*01:03:01:03-01:08	DR53, -																						86	
DRB4*01:03:01:02N	Null																	82					86	
DRB5*01:01:01-01:14, DRB5*02:02-02:05	DR51, Null, -																							87
Well No.	ser ⁵	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87