

		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	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
DRB1 allele ⁴	ser ⁵																									
*01:01:01-01:02:08, 01:04-01:38, 01:40N-01:41, 01:43-01:45	DR1, Null, -	73																								
*01:03, 01:39N	DR103, Null		74																							
*01:42	-	73	74																							
*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, -					77	78											89								
*03:02:01-03:03, 03:27, 03:29, 03:38, 03:53, 03:74	DR18(3), -					77		79										89								
*03:07, 03:17, 03:21, 03:24, 03:32, 03:35, 03:39-03:41, 03:49	DR3, -					77												89								
*03:08, 03:65	-					77	78				83		85													
*03:10	DR17(3)					77	78												91	92						
*03:42, 03:69	-					77																				
*03:46, 03:64	-					77	78																			
*03:76	-						78					84			87			89								
*04:01:01-04:61, 04:63-04:68, 04:70-04:72:02, 04:74-04:104, 04:106-04:107	DR4, Null, -							80																		
*04:62, 04:69, 04:73, 04:105	-							80										90								
*07:01:01-01:07:01:04, 07:03-07:22	DR7, Null, -									81																
*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, -										82					88										

Negative Control

[illegible]

*11:17, 11:52	DR11(5),													85					91	92					
*11:22, 11:98, 11:104	-													85											
*11:23, 11:25, 11:96	DR11(5),													85		87	88			92					
*11:26, 11:34	DR11(5),							79						85											
*11:31, 11:45, 11:64, 11:119	-													85		87				92					
*11:55	-													85			88			92					
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
DRB1 allele ⁴	ser ⁹																								
*11:59, 11:80, 11:83, 11:87	-						78						84	85		87	88								
*11:69, 11:82	-													85			88		90						
*11:73, 11:79	-						78							85		87									
*11:89	-													85						92					
*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, -														86										
*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, -														86		88								
*12:04	-										82				86										
*12:16	-										82				86		88								
*12:22	-									81	82				86										
*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, -							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, 13:115, 13:120, 13:133, 13:137N	DR13(6), Null-,							78								87		89							

*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, -							79							87		89		92						
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
DRB1 allele ⁴	ser ⁵																								
*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), -																	89		91	92				
*14:11	DR14(6)									82										91	92				
*14:16	DR6					78									87	88		90	91	92					
*14:18, 14:81	DR6, -						79											89		91	92				
*14:19, 14:21, 14:109	DR14(6), -					78	79								87			89		w					
*14:22, 14:105	DR14(6), -														87	88		90	91	92					
*14:24	-						79									88	89								
*14:25, 14:53	DR13(6), -														87	88		90		92					
*14:27	DR14(6)						79								87	88	89			92					
*14:32:01-14:32:02	-						w												90	91	92				
*14:37	-															88	89	90							
*14:42	-																89			92					
*14:46, 14:52	-																		91						
*14:49, 14:119	DR14(6), -						79											90	91	92					
*14:50	DR14(6)									81								90	91	92					
*14:58	-																	90		92					
*14:65	-						w											89		91	92				
*14:68, 14:93	-									82									90	91	92				
*14:69	-														87			90		92					
*14:73	-															88		90	91	92					
*14:74	-														87			90	91	92					
*14:82	-					78												90	91	92					
*14:89	-						79											89		92					
*14:95	-					78												89		91	92				
*14:98	-						79								87			89							
*15:01:01-15:20, 15:22-15:24, 15:26, 15:28-15:33, 15:35-15:65, 15:67-15:71	DR15(2), DR2, Null, -			75																					
*15:21	-			75																w					
*15:25	-			75		77																			
*15:27, 15:34, 15:66	-			75															91						
*16:01:01-16:03, 16:05:01-16:05:02, 16:07-16:17, 16:19	DR16(2), DR2, Null, -				76																				
*16:04, 16:18	DR16(2), -				76															w					
Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96

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Well No.	DR	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
DRB1 allele ⁴	ser ⁵																								
<i>DRB3*01:01:02:01-01:15,</i> <i>DRB3*02:01-02:26,</i> <i>DRB3*02:28-02:29N,</i> <i>DRB3*03:01:01-03:03</i>	DR52, Null, -																					93			
<i>DRB3*02:27</i>	-															87						93			
<i>DRB4*01:01-01:03:01:01,</i> <i>DRB4*01:03:01:03-01:08</i>	DR53, -																						94		
<i>DRB4*01:03:01:02N</i>	Null																		90				94		
<i>DRB5*01:01:01-01:14,</i> <i>DRB5*02:02-02:05</i>	DR51, Null, -																							95	
Well No.		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96

Negative Control