

**Appendix 1.** HLA-DRB1 frequency in rheumatoid arthritis patients and healthy controls. *P*<sub>c</sub> is corrected *P* value for multiple allele testing.

	RA patients (n=76)		Healthy Controls (n=158)		OR	95% CI	<i>P</i>	<i>P</i> <sub>c</sub>
	n	%	n	%				
DRB1*01:01	2	1.3	2	0.6				
DRB1*01:02	2	1.3	11	3.5				
DRB1*01:20	0	0	1	0.3				
DRB1*03:01	13	8.6	52	16.5	0.47	0.23-0.92	.021	.82
DRB1*03:06	0	0	1	0.3				
DRB1*03:38	0	0	1	0.3				
DRB1*04:01	7	4.6	2	0.6	7.58	1.41-75.30	.003	.12
DRB1*04:02	4	2.6	7	2.2				
DRB1*04:03	9	5.9	11	3.5				
DRB1*04:04	2	1.3	1	0.3				
DRB1*04:05	18	11.8	11	3.5	3.73	1.61-8.96	.0004	.016
DRB1*04:06	0	0	5	1.6				
DRB1*04:07	0	0	1	0.3				
DRB1*04:08	1	0.7	1	0.3				
DRB1*04:20	0	0	1	0.3				
DRB1*07:01	21	13.8	84	26.6	0.44	0.25-0.76	.0019	.074
DRB1*08:04	1	0.7	4	1.3				
DRB1*08:06	0	0	1	0.3				
DRB1*09:01	1	0.7	1	0.3				
DRB1*10:01	7	4.6	14	4.4				
DRB1*11:01	8	5.3	7	2.2				
DRB1*11:02	0	0	1	0.3				
DRB1*11:04	4	2.6	8	2.5				
DRB1*12:01	2	1.3	0	0.0				
DRB1*12:02	0	0	1	0.3				
DRB1*13:01	5	3.3	13	4.1				
DRB1*13:02	8	5.3	12	3.8				
DRB1*13:03	1	0.7	7	2.2				
DRB1*13:31	0	0	1	0.3				
DRB1*13:67	0	0	2	0.6				
DRB1*13:83	0	0	1	0.3				
DRB1*14:01	1	0.7	4	1.3				
DRB1*15:01	19	12.5	20	6.3	2.11	1.03-4.32	.024	.92

Source: Alrogy A, Dirar A, Alrogy W, Fakhoury H, Hajeer A. Association of human leukocyte antigen DRB1 with anti-cyclic citrullinated peptide autoantibodies in Saudi patients with rheumatoid arthritis. *Ann Saudi Med* 2017; 37(1): 38-41.

DRB1*15:02	7	4.6	7	2.2			
DRB1*15:03	2	1.3	6	1.9			
DRB1*16:01	3	2.0	10	3.2			
DRB1*16:02	4	2.6	1	0.3	8.51	0.83-420.50	.0225 .88
DRB1*16:09	0	0.0	2	0.6			
DRB1*16:15	0.0	0.0	1	0.3			

RA: rheumatoid arthritis