

Table 17. The most frequent B-DRB1 allele associations of Caucasians. Blocks sorted according to DR-serotypes

DR-Serotype	B-Serotype	B*	DRB1*	HF	Relative D (D')	Occurrence	Association
DR1	B35	35011	01011	0.0247	0.37	Common	Strong
DR1	B44	44021	01011	0.0124	0.07	Common	Weak
DR1	B27	27052	01011	0.0074	0.11	Common	Weak
DR1	B70	1518	01011	0.0016	0.28	rare	Questionable
DR1	B56	5601	01011	0.0016	0.28	rare	Questionable
DR1	B65	1402	01021	0.0086	0.84	Common	Very strong
DR1	B35	35011	0103	0.0047	0.31	Intermediate	Strong
DR1	B27	27052	0103	0.0039	0.26	Intermediate	Strong
DR1	B55	5501	0103	0.0016	0.12	rare	Weak
DR2	B7	07021	15011	0.0930	0.57	Very frequent	Very strong
DR2	B18	18011	15011	0.0109	0.15	Common	Weak
DR2	B52	52011	15021	0.0023	0.60	Intermediate/rare	Very strong
DR2	B18	18011	16011	0.0023	0.17	Intermediate/rare	Weak
DR2	B39	3901	16011	0.0023	0.24	Intermediate/rare	Strong
DR3	B8	0801	03011	0.0958	0.75	Very frequent	Very strong
DR4	B44	44021	04011	0.0281	0.24	Common	Strong
DR4	B62	15011	04011	0.0204	0.22	Common	Strong
DR4	B56	5601	04011	0.0016	0.27	rare	Questionable
DR4	B38	3801	0402	0.0023	0.20	Intermediate/rare	Strong
DR4	B51	51011	0402	0.0023	0.18	Intermediate/rare	Weak
DR4	B35	3503	04031	0.0031	0.35	Intermediate/rare	Strong
DR4	B18	18011	04031	0.0016	0.15	rare	Weak
DR4	B60	4001	0404	0.0101	0.20	Common	Strong
DR4	B62	1507	0404	0.0016	0.65	rare	Questionable
DR4	B49	4901	04051	0.0039	0.71	Intermediate	Very strong
DR4	B35	35011	04071	0.0054	0.38	Intermediate	Strong
DR4	B51	51011	04071	0.0023	0.14	Intermediate/rare	Weak
DR4	B55	5501	04071	0.0016	0.12	rare	Weak
DR4	B27	27052	0408	0.0016	0.31	rare	Questionable
DR4	B39	3901	0408	0.0016	0.33	rare	Questionable
DR7	B44	44031	07011	0.0369	0.76	Very frequent	Very strong
DR7	B57	57011	07011	0.0318	0.73	Very frequent	Very strong
DR7	B13	1302	07011	0.0155	0.56	Common	Very strong
DR7	B64	1401	07011	0.0109	0.61	Common	Very strong

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DR-Serotype	B-Serotype	B*	DRB1*	HF	Relative D (D')	Occurrence	Association
DR7	B7	0705	07011	0.0016	0.61	rare	Questionable
DR7	B47	47011	07011	0.0016	0.42	rare	Questionable
DR8	B60	4001	08011	0.0039	0.15	Intermediate	Weak
DR8	B51	51011	08011	0.0031	0.12	Intermediate/rare	Weak
DR8	B39	39062	08011	0.0023	0.42	Intermediate/rare	Strong
DR8	B61	4002	08011	0.0016	0.12	rare	Weak
DR8	B61	4002	08021	0.0016	0.66	rare	Very strong
DR8	B44	44021	08032	0.0016	1.00	rare	Very strong
DR8	B58	5801	08041	0.0016	0.50	rare	Very strong
DR9	B62	15011	09012	0.0047	0.35	Intermediate	Strong
DR10	B37	3701	10011	0.0039	0.49	Intermediate	Very strong
DR10	B49	4901	10011	0.0016	0.19	rare	Weak
DR11	B62	15011	11011	0.0078	0.08	Common	Weak
DR11	B35	35011	11011	0.0062	0.06	Intermediate	Weak
DR11	B51	51011	11011	0.0062	0.11	Intermediate	Weak
DR11	B70	1518	11011	0.0016	0.30	rare	Questionable
DR11	B27	2702	11011	0.0016	0.65	rare	Questionable
DR11	B35	3508	11011	0.0016	0.25	rare	Questionable
DR11	B62	15011	1103	0.0016	0.19	rare	Weak
DR11	B18	18011	11041	0.0070	0.28	Common	Strong
DR11	B35	3502	11041	0.0062	0.80	Intermediate	Very strong
DR12	B44	44021	12011	0.0078	0.38	Common	Strong
DR13	B62	15011	13011	0.0088	0.13	Common	Weak
DR13	B51	51011	13011	0.0062	0.12	Intermediate	Weak
DR13	B38	3801	13011	0.0054	0.41	Intermediate	Strong
DR13	B58	5801	13011	0.0023	0.27	Intermediate/rare	Strong
DR13	B39	39062	13011	0.0016	0.25	rare	Questionable
DR13	B60	4001	13021	0.0179	0.37	Common	Strong
DR13	B65	1402	13021	0.0070	0.21	Common	Strong
DR13	B53	5301	13021	0.0016	0.65	rare	Questionable
DR13	B65	1402	13031	0.0023	0.21	Intermediate/rare	Strong
DR13	B35	3508	13031	0.0016	0.28	rare	Questionable
DR13	B49	4901	13031	0.0016	0.14	rare	Weak
DR13	B35	35011	1305	0.0016	0.36	rare	Questionable

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DR-Serotype	B-Serotype	B*	DRB1*	HF	Relative D (D')	Occurrence	Association
DR14	B55	5501	14011	0.0039	0.32	Intermediate	Strong
DR14	B35	3503	14011	0.0023	0.10	Intermediate/rare	Weak

Reference

- Burdett L, Single R., Maiers, M., Smith K., Hartzman R., Thomson G, Fernandez Vina M. HLA class I and class II alleles and haplotypes determined by sequence based typing (SBT). 2004, (manuscript in preparation)