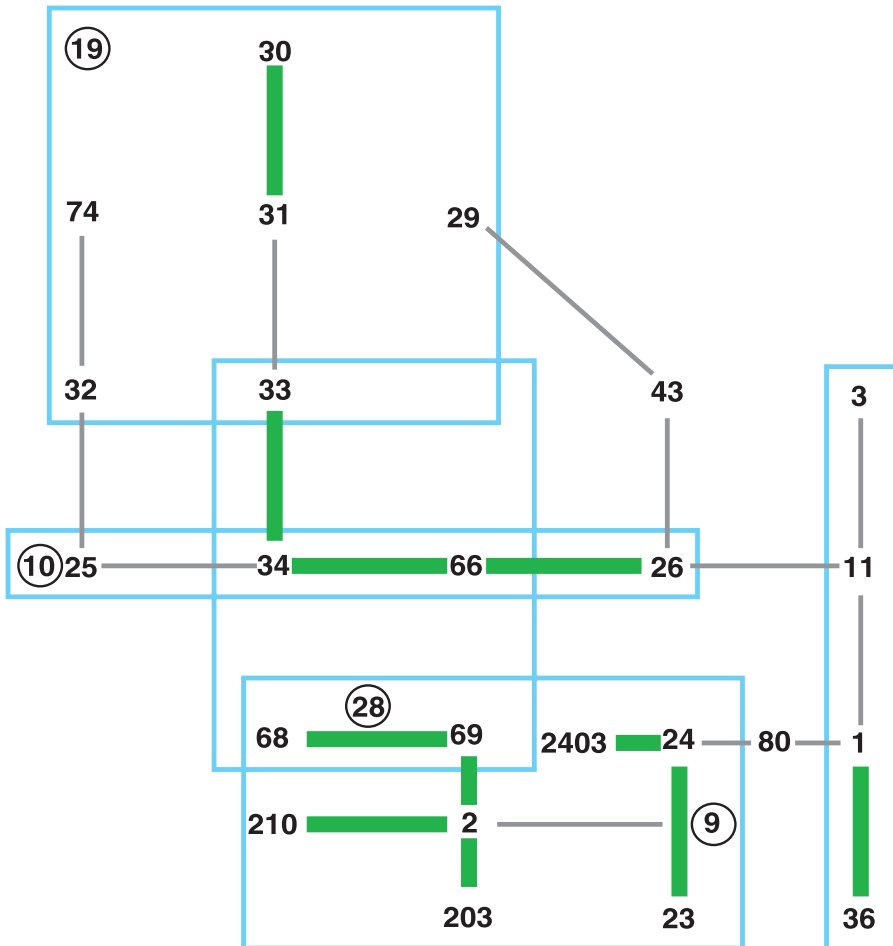



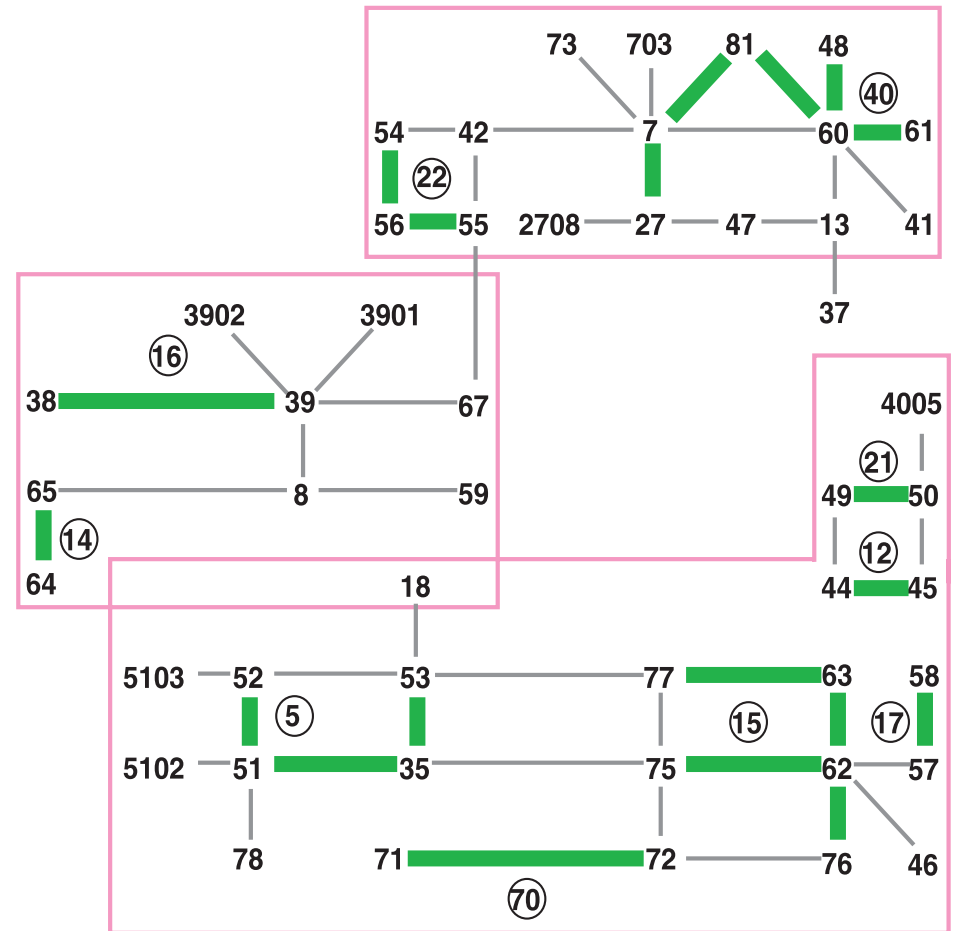





Cross-Reactivity HLA-A Locus



 Strong Cross-reactivity
 Cross-reactivity
 CREG (Cross-reactivity Group)

Cross-Reactivity HLA-B Locus



 Strong Cross-reactivity
 Cross-reactivity
 CREG (Cross-reactivity Group)

Broad, Splits and associated antigens.

Original Broad Specificities	Splits and Associated Antigens#
A2	A203#, A210#
A9	A23, A24, A2403#
A10	A25, A26, A34, A66
A19	A29, A30, A31, A32, A33, A74
A24	A2403#
A28	A68, A69
B5	B51, B52, B5102#, B5103#
B7	B703#
B12	B44, B45
B14	B64, B65
B15	B62, B63, B75, B76, B77
B16	B38, B39, B3901#, B3902#
B17	B57, B58
B21	B49, B50, B4005#
B22	B54, B55, B56
B27	B2708#
B39	B3901#, B3902#
B40	B60, B61
B51	B5101#, B5103#
B70	B71, B72
Cw3	Cw9, Cw10
DR1	DR103#
DR2	DR15, DR16
DR3	DR17, DR18
DR5	DR11, DR12
DR6	DR13, DR14, DR1403#, DR1404#
DR14	DR1403#, DR1404#
DQ1	DQ5, DQ6
DQ3	DQ7, DQ8, DQ9

The listing of broad specificities in parenthesis after a narrow specificity, e.g. HLA-A23(9) is optional. The following is a list of those specificities which arose as clear-cut splits of other specificities and of associated antigens (#) which are variants of the original broad specificity and not splits as previously defined.

Public Specificities, Inclusions/Associations.

Bw4
B5, B5102, B5103, B13, B17, B27, B37, B38(16), B44(12), B47, B49(21), B51(5), B52(5), B53, B57(17), B58(17), B59, B63(15), B77(15)
and A9, A23(9), A24(9), A2403, A25(10), A32(19)

Bw6
B7, B703, B8, B14, B18, B22, B2708, B35, B39(16), B3901, B3902, B40, B4005, B41, B42, B45(12), B46, B48, B50(21), B54(22), B55(22), B56(22), B60(40), B61(40), B62(15), B64(14), B65(14), B67, B70, B71(70), B72(70), B73, B75(15), B76(15), B78, B81

DR51	DR2, DR15(2), DR16(2), DR1(rare)
DR52	DR3, DR5, DR6, DR11(5), DR12(5), DR13(6), DR14(6), DR1403, DR1404, DR17(3), DR18(3)
DR53	DR4, DR7 [±] , DR9
DQ2	DR7, DR9, DR17
DQ4	DR4, DR8, DR18
DQ5(DQ1)	DR1, DR10, DR14, DR16, DR103
DQ6(DQ1)	DR13, DR15
DQ7(DQ3)	DR4, DR11, DR12
DQ8(DQ3)	DR4, DR8
DQ9(DQ3)	DR7, DR9

注 DR53 is not always expressed with DR7.
DR1, DR8, DR10, DR103 are not associated with a public specificity.

このリストは、Anthony Nolan Research Institute, LondonのDr. Steven GE Marsh氏のご好意により、引用・作成させていただいたものです。
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