**Table I. The National Marrow Donor Program human leukocyte antigen typing and matching recommendations**

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| **Human leukocyte antigen locus** | **Typing** | **Matching requirement** |
| A | Yes, allele level | Yes |
| B | Yes, allele level | Yes |
| C | Yes, allele level | Yes |
| DRA | No | No |
| DRB1 | Yes, allele level | Yes |
| DRB3, 4, and 5 | Yes (DRB1 association) | Unknown |
| DQA1 | No | No |
| DQB1 | Yes (DRB1 association) | Uncertain |
| DPA1 | No | No |
| DPB1 | No | Uncertain  |

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