**HLA-alleles I**

HLA-A01:01,HLA-A02:01,HLA-A03:01,HLA-A24:02,HLA-A26:01,HLA-B07:02,HLA-B08:01,HLA-B15:01,HLA-B58:01,HLA-B40:01

**HLA- alleles II**

DRB1\_0101,DRB1\_0301,DRB1\_0401,DRB1\_0405,DRB1\_0701,DRB1\_0901,DRB1\_1101,DRB1\_1201,DRB1\_1302,DRB1\_1501,DRB3\_0101,DRB3\_0202,DRB4\_0101,DRB5\_0101