

Candidate Genes of Juvenile Hypertension in the Region of the Major Histocompatibility System

Ivan Mazura, Daniela Palyzová, Běla Bendlová, Josef Včelák and Fotini Nutsu-Mazura

KEYWORDS Juvenile Hypertension. HLA-locuses. Czech Population

ABSTRACT The present paper informs about allele frequencies in three HLA locuses (HLA-DRB3, HLA-DQA1 and HLA-DQB1). The Czech population results are compared with data of different European and South American populations. The most important locus is locus HLA-DQA1, where alleles *0302 and *0103 are present in non Asp57/Asp57 set. This paper is part of the scientific programs of Ministry of Health, No. 4698-3 and Ministry of Education, No. 113100003 and LN00B107, Czech Republic.