

RELATO DE CASO - TRANSPLANTE APARENTADO

Paciente MVJ, masculino, 14 anos, com diagnóstico de anemia aplásica severa foi encaminhado ao laboratório com seus familiares para investigação de potenciais doadores compatíveis com o paciente.

Tipificação HLA

Data das amostras: xx/xx/xxxx

Tipificação HLA				
Paciente				
MVJ	A*25: AVBDN	B*52: AVPHA	DRB1*08:01	DQB1*04:02
	A*33: AVBDR	B*14: ANCRX	DRB1*13:01	DQB1*06:03

Tipificação HLA				
Irmão				
RVJ	A*25:AVBDN	B*52:AVPHA	DRB1*08:ANJPH	DQB1*04:AUVGB
	A*33:AVBDR	B*14:ANCRX	DRB1*13:AUSFJ	DQB1*06:AURFZ

Irmã				
APVJ	A*03:AUUDU	B*51:AUSFH	DRB1*07:AUSAY	DQB1*02:AUREZ
	A*01:AUUDT	B*35:AUSFG	DRB1*13:AUXFC	DQB1*06:AURFZ

Pai				
MJ	A*25:AUXPU	B*52:AUYMD	DRB1*08:AKKFN	DQB1*04:AUVGB
	A*03:AUXPT	B*51:AUYMC	DRB1*07:AUSBU	DQB1*02:AUREZ

Mãe				
CFV	A*33:AUUFK	B*14:ANEZP	DRB1*13:AUVUJ	DQB1*06:AURFR
	A*01:AUFUJ	B*35:AURYT	DRB1*13:AUVUK	DQB1*06:AURFS

Método: Tipificação HLA classe I e II realizadas por PCR-SSOr – Plataforma LUMINEX (One Lambda-ThermoFisher).

Códigos NMDP

DRB1*13:AUVUJ=DRB1*13:01/DRB1*13:22/DRB1*13:28/DRB1*13:35/DRB1*13:51/DRB1*13:59/DRB1*13:61/DRB1*13:64/DRB1*13:68/DRB1*13:69/DRB1*13:79/DRB1*13:80/DRB1*13:87/DRB1*13:91/DRB1*13:92/DRB1*13:98/DRB1*13:102/DRB1*13:105/DRB1*13:106/DRB1*13:110/DRB1*13:112/DRB1*13:113N/DRB1*13:114/DRB1*13:117/DRB1*13:125/DRB1*13:127/DRB1*13:130/DRB1*13:131/DRB1*13:137N/DRB1*13:138/DRB1*13:141/DRB1*13:143/DRB1*13:147/DRB1*13:148/DRB1*13:153/DRB1*13:160/DRB1*13:166/DRB1*13:173/DRB1*13:177/DRB1*13:178/DRB1*13:183/DRB1*13:184/DRB1*13:185N/DRB1*13:186/DRB1*13:187/DRB1*13:190/DRB1*13:192/DRB1*13:200N/DRB1*13:201/DRB1*13:204/DRB1*13:205/DRB1*13:213/DRB1*13:215/DRB1*13:218/DRB1*13:221/DRB1*13:222/DRB1*13:223/DRB1*13:226

DRB1*13:AUVUK=DRB1*13:01/DRB1*13:02/DRB1*13:22/DRB1*13:28/DRB1*13:35/DRB1*13:51/DRB1*13:59/DRB1*13:61/DRB1*13:64/DRB1*13:68/DRB1*13:69/DRB1*13:79/DRB1*13:80/DRB1*13:87/DRB1*13:91/DRB1*13:92/DRB1*13:98/DRB1*13:102/DRB1*13:105/DRB1*13:106/DRB1*13:110/DRB1*13:112/DRB1*13:113N/DRB1*13:114/DRB1*13:117/DRB1*13:125/DRB1*13:127/DRB1*13:130/DRB1*13:131/DRB1*13:137N/DRB1*13:138/DRB1*13:141/DRB1*13:143/DRB1*13:147/DRB1*13:148/DRB1*13:153/DRB1*13:160/DRB1*13:166/DRB1*13:173/DRB1*13:177/DRB1*13:178/DRB1*13:183/DRB1*13:184/DRB1*13:185N/DRB1*13:186/DRB1*13:187/DRB1*13:190/DRB1*13:192/DRB1*13:200N/DRB1*13:201/DRB1*13:204/DRB1*13:205/DRB1*13:213/DRB1*13:215/DRB1*13:218/DRB1*13:221/DRB1*13:222/DRB1*13:223/DRB1*13:226

DQB1*06:AURFR=DQB1*06:03/DQB1*06:41/DQB1*06:44/DQB1*06:59/DQB1*06:61/DQB1*06:62/DQB1*06:64/DQB1*06:65/DQB1*06:67/DQB1*06:87/DQB1*06:90/DQB1*06:91/DQB1*06:92/DQB1*06:110/DQB1*06:128/DQB1*06:133/DQB1*06:134/DQB1*06:141/DQB1*06:143/DQB1*06:144N/DQB1*06:148/DQB1*06:154/DQB1*06:165/DQB1*06:170/DQB1*06:184/DQB1*06:185/DQB1*06:187/DQB1*06:190/DQB1*06:191/DQB1*06:195/DQB1*06:196/DQB1*06:199/DQB1*06:203/DQB1*06:210/DQB1*06:218/DQB1*06:221/DQB1*06:222/DQB1*06:223

DQB1*06:AURFS=DQB1*06:03/DQB1*06:26N/DQB1*06:30/DQB1*06:40/DQB1*06:41/DQB1*06:44/DQB1*06:59/DQB1*06:61/DQB1*06:62/DQB1*06:64/DQB1*06:65/DQB1*06:67/DQB1*06:87/DQB1*06:90/DQB1*06:91/DQB1*06:92/DQB1*06:110/DQB1*06:128/DQB1*06:133/DQB1*06:134/DQB1*06:141/DQB1*06:143/DQB1*06:144N/DQB1*06:148/DQB1*06:154/DQB1*06:165/DQB1*06:170/DQB1*06:184/DQB1*06:185/DQB1*06:187/DQB1*06:190/DQB1*06:191/DQB1*06:195/DQB1*06:196/DQB1*06:199/DQB1*06:203/DQB1*06:210/DQB1*06:218/DQB1*06:221/DQB1*06:222/DQB1*06:223

Conduta:

Pelo fato da mãe do paciente apresentar homozigose em loci HLA-DRB1 e HLA-DQB1 foi realizada a tipificação HLA de alta resolução do irmão RVJ para confirmar a compatibilidade 10/10 com o paciente MVJ.

Tipagem HLA				
Identificação				
Paciente				
MVJ	A*25: AVBDN	B*52: AVPHA	DRB1*08:01	DQB1*04:02
	A*33: AVBDR	B*14: ANCRX	DRB1*13:01	DQB1*06:03
Irmão				
RVJ	A*25:AVBDN	B*52:AVPHA	DRB1*08:01	DQB1*04:02
	A*33:AVBDR	B*14:ANCRX	DRB1*13:01	DQB1*06:03

Os quatro haplótipos parentais foram identificados como:

PAI

- a. A*25 B*52 DRB1*08 DQB1*04
- b. A*03 B*51 DRB1*07 DQB1*02

MÃE

- c. A*33 B*14 DRB1*13 DQB1*06
- d. A*11 B*35 DRB1*13 DQB1*06

Foi realizada nova coleta de sangue do paciente MVJ e de seu irmão RVJ para a confirmação da tipificação HLA

Identificação	Tipificação HLA Confirmatória		
Paciente			
MVJ	A*25:AVBDN	B*52:AVPHA	DRB1*08:ANJPH
	A*33:AVBDR	B*14:ANCRX	DRB1*13:AUSFJ
Irmão			
RVJ	A*25:AVBDN	B*52:AVPHA	DRB1*08:ANJPH
	A*33:AVBDR	B*14:ANCRX	DRB1*13:AUSFJ

Paciente e irmão apresentam compatibilidade HLA 10/10 confirmada em 2 amostras.

Sobre o locus DPB1: o resultado de pesquisa de anticorpos não apresentou anti-DP. Não foi realizada a tipificação DPB1 do par.