Supplementary Table 1. Genetic diagnoses of the children with inborn errors of immunity and indication for hematopoietic stem cell transplant, thymus transplantation or gene therapy (n=123; CMV-infected patients n=25)

DIAGNOSIS	Total number of patients (%)	CMV infected n (%)
SCID	**71**	**11 (15%)**
γc deficiency (*IL2RG*)	17 (13.8)	2
SCID, no genetic confirmation	13 (10.6)	2
ADA deficiency	12 (9.8)	1
RAG1 deficiency	7 (5.7)	2
IL7Rα deficiency	6 (4.9)	2
RAG2 deficiency	5 (4.1)	1
JAK3 deficiency	3 (2.4)	1
Artemis deficiency	2 (1.6)	0
CD 3 deficiency	2 (1.6)	0
Moesin deficiency (*MSN*)	1 (0.8)	0
DNA ligase IV deficiency (LIG4)	1 (0.8)	0
ZAP70 deficiency	1 (0.8)	0
AK2 defect	1 (0.8)	0
CID	**41**	**7 (17%)**
MHC class II deficiency (*RFXANK*)	8 (6.5)	1
CD40 ligand deficiency	6 (4.9)	1
CID, no genetic confirmation	6 (4.9)	2
DiGeorge Syndrome (*TBX1*)	2 (1.6)	2
Purine nucleoside phosphorylase (PNP) deficiency	2 (1.6)	1
Wiskott-Aldrich syndrome (*WAS*)	9 (7.3)	0
Immunodeficiency with multiple intestinal atresia (*TTC7A*)	2 (1.6)	0
Cartilage hair hypoplasia (*RMRP*)	2 (1.6)	0
Nijmegen breakage syndrome (*NBS1*)	1 (0.8)	0
MHC class II deficiency (*RFX5*)	1 (0.8)	0
MHC class II deficiency (*RFXAP*)	1 (0.8)	0
Tricho-Hepato-Enteric Syndrome (*TTC37)*	1 (0.8)	0
Other type of IEI	**11**	**7 (63.6%)**
IPEX Syndrome (*FOXP3*)	1 (0.8)	1
ORAI1 deficiency	1 (0.8)	1
LRBA deficiency	3 (2.4)	2
Dyskeratosis Congenita *(DKC1)*	2 (1.6)	2
IKAROS deficiency (IKZF1)	1 (0.8)	1
Dyskeratosis Congenita *(TERC)*	1 (0.8)	0
CTLA4 haploinsufficiency	1 (0.8)	0
NFKB1 deficiency	1 (0.8)	0

Abbreviations: CID, combined immunodeficiency; CMV, cytomegalovirus; IEI, inborn errors of immunity; SCID, severe combined immunodeficiency