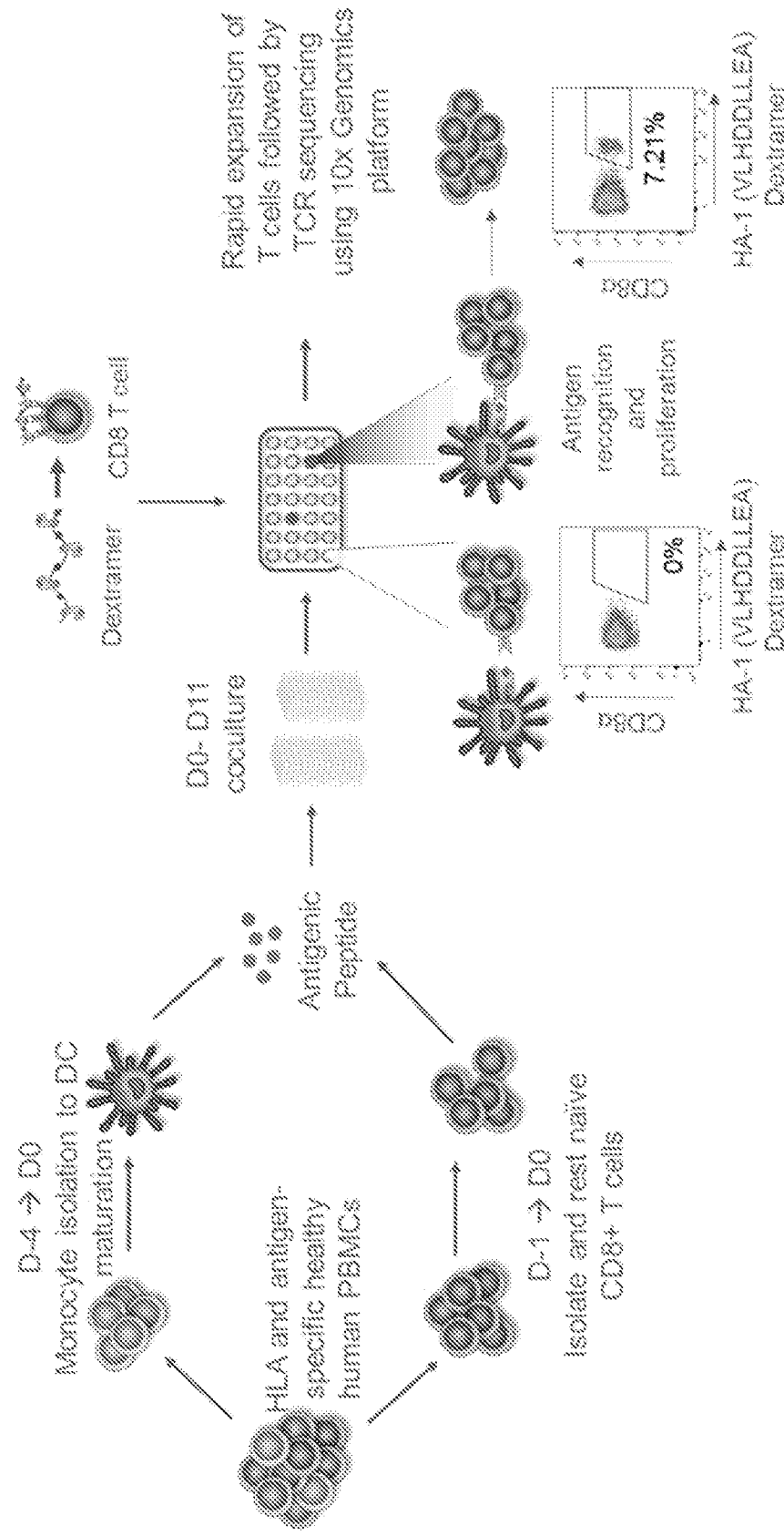


FIG. 1



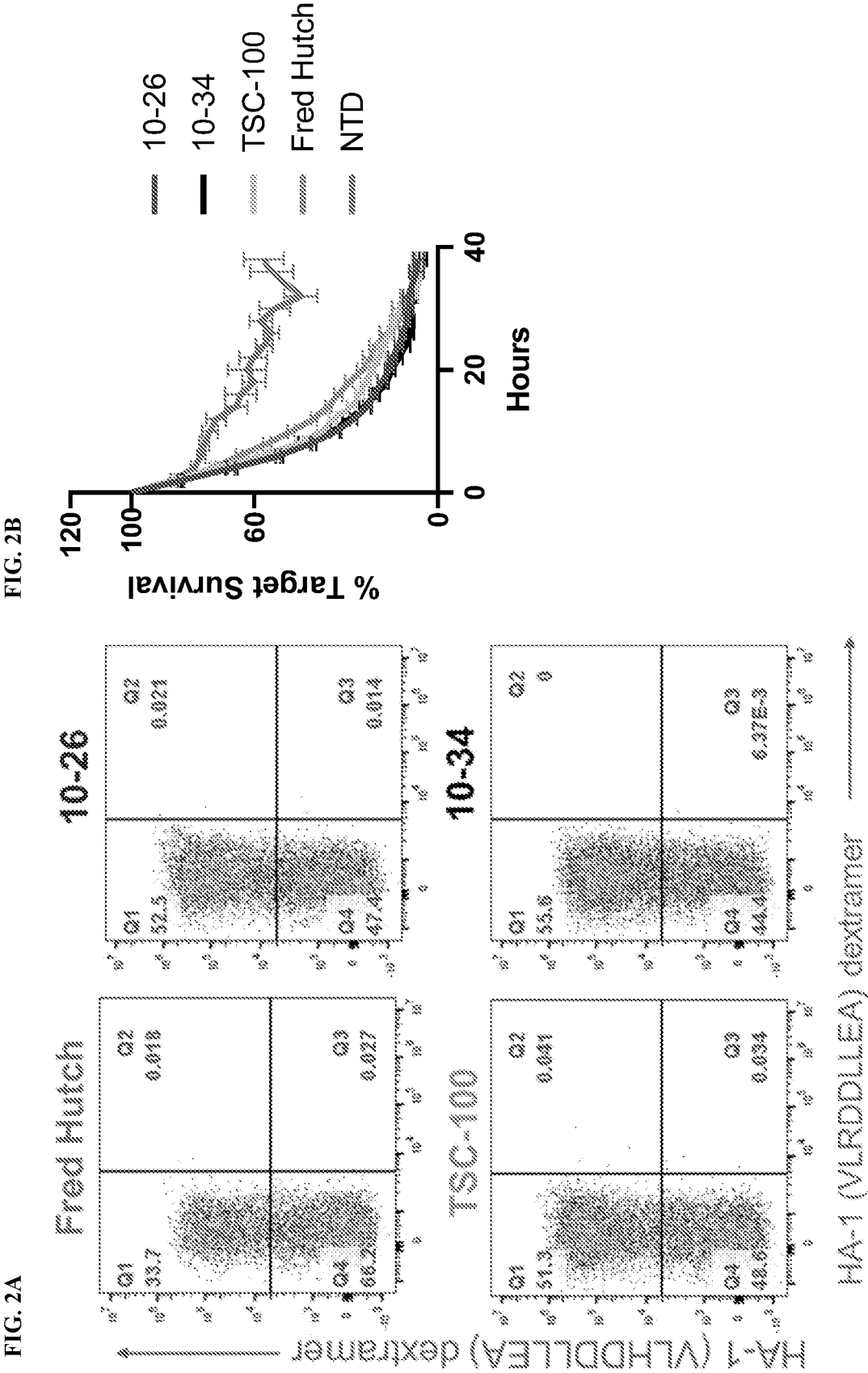


FIG. 3A

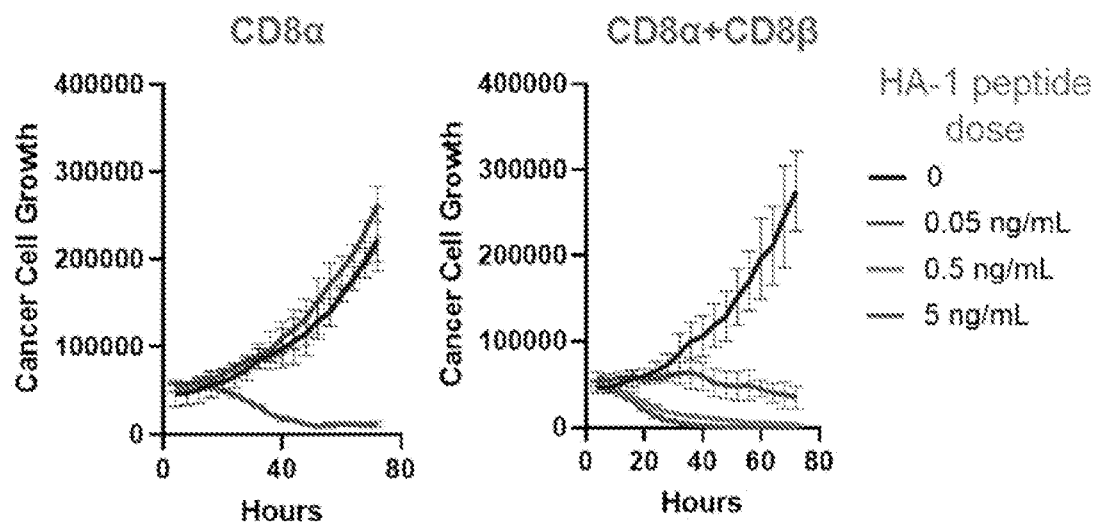


FIG. 3B

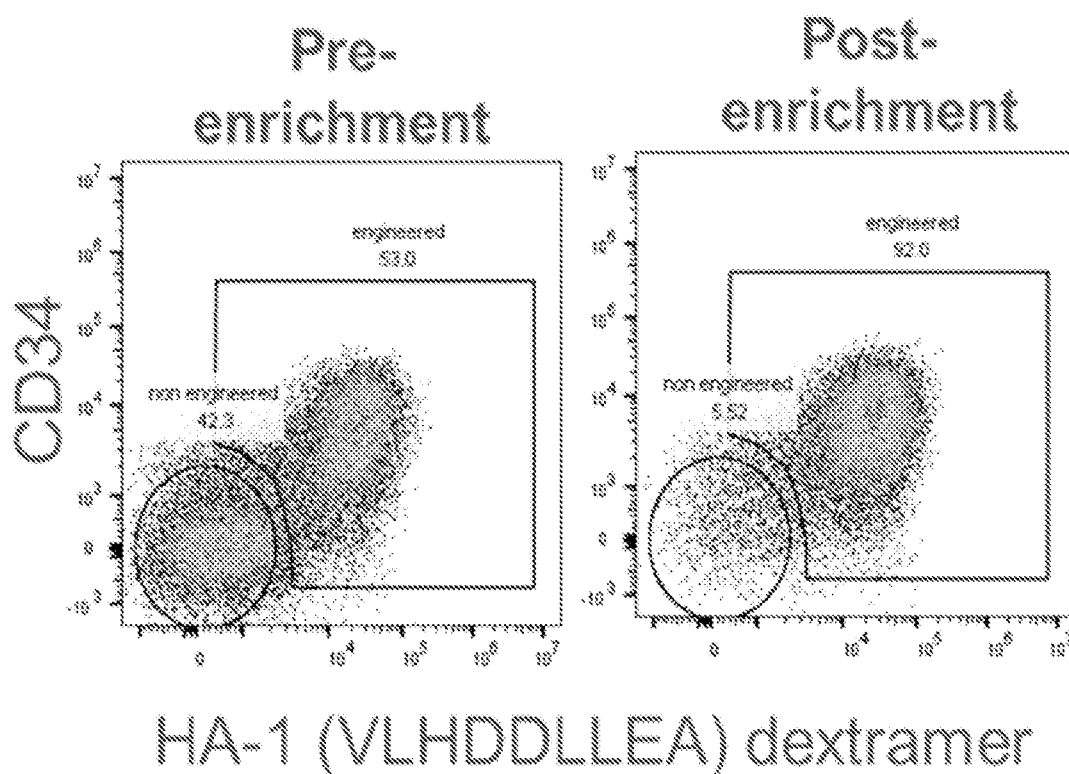


FIG. 3C

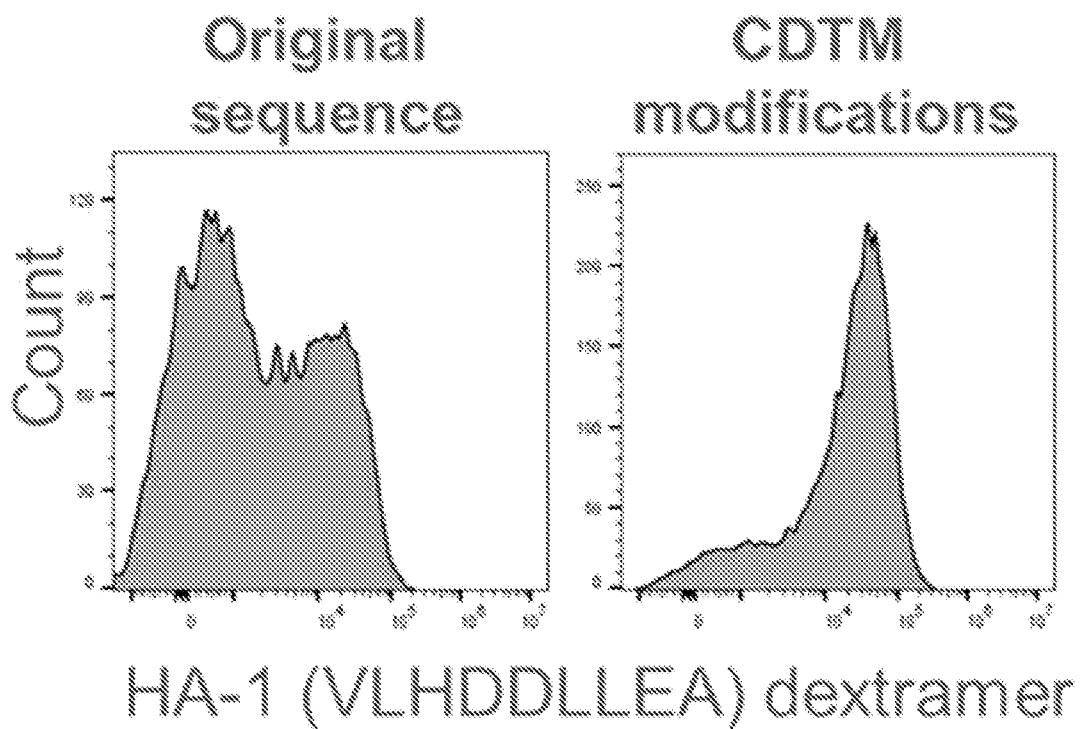


FIG. 3D



FIG. 4A

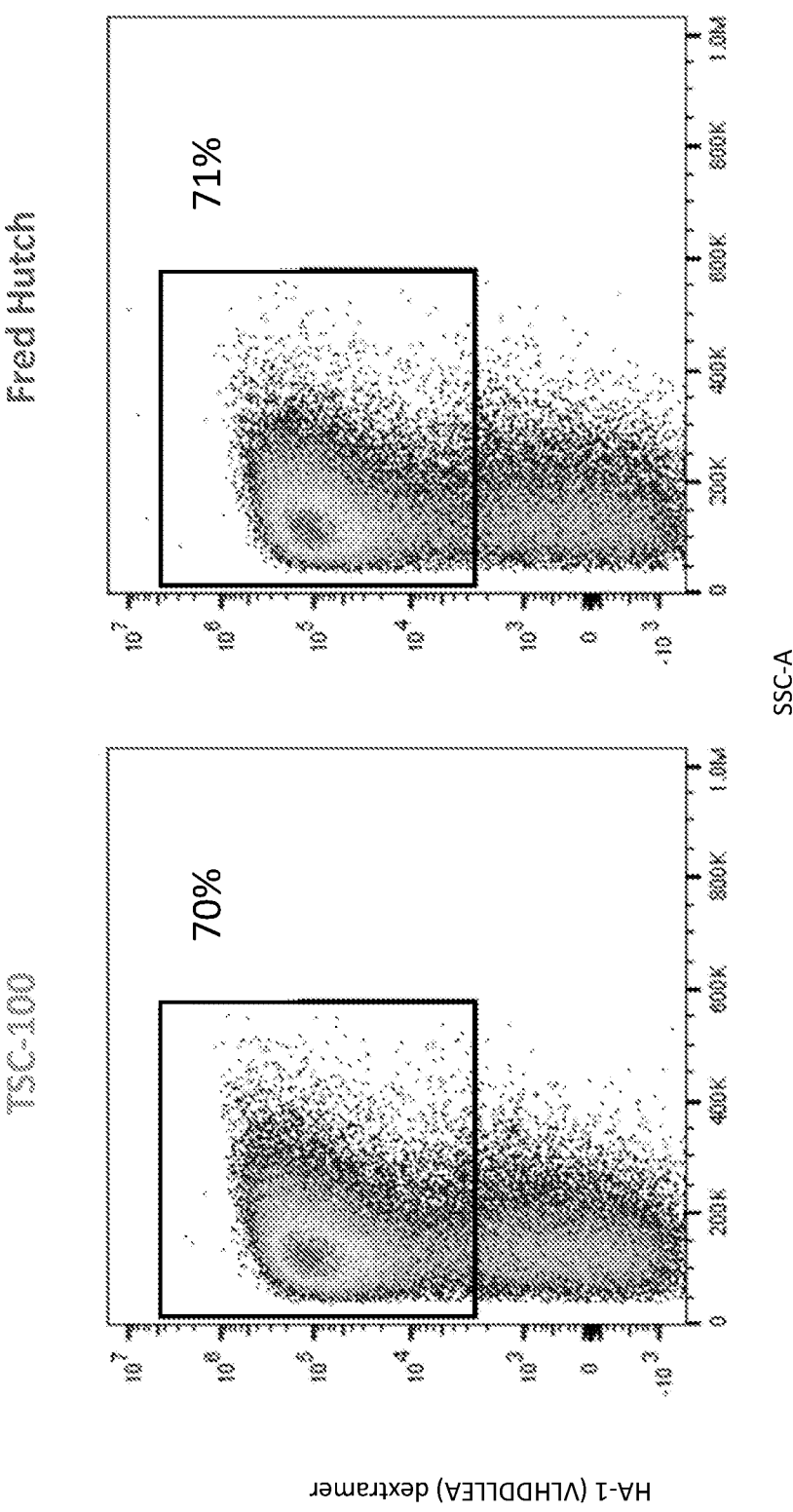


FIG. 4B

SUP-M2 targets
ET2.5:1

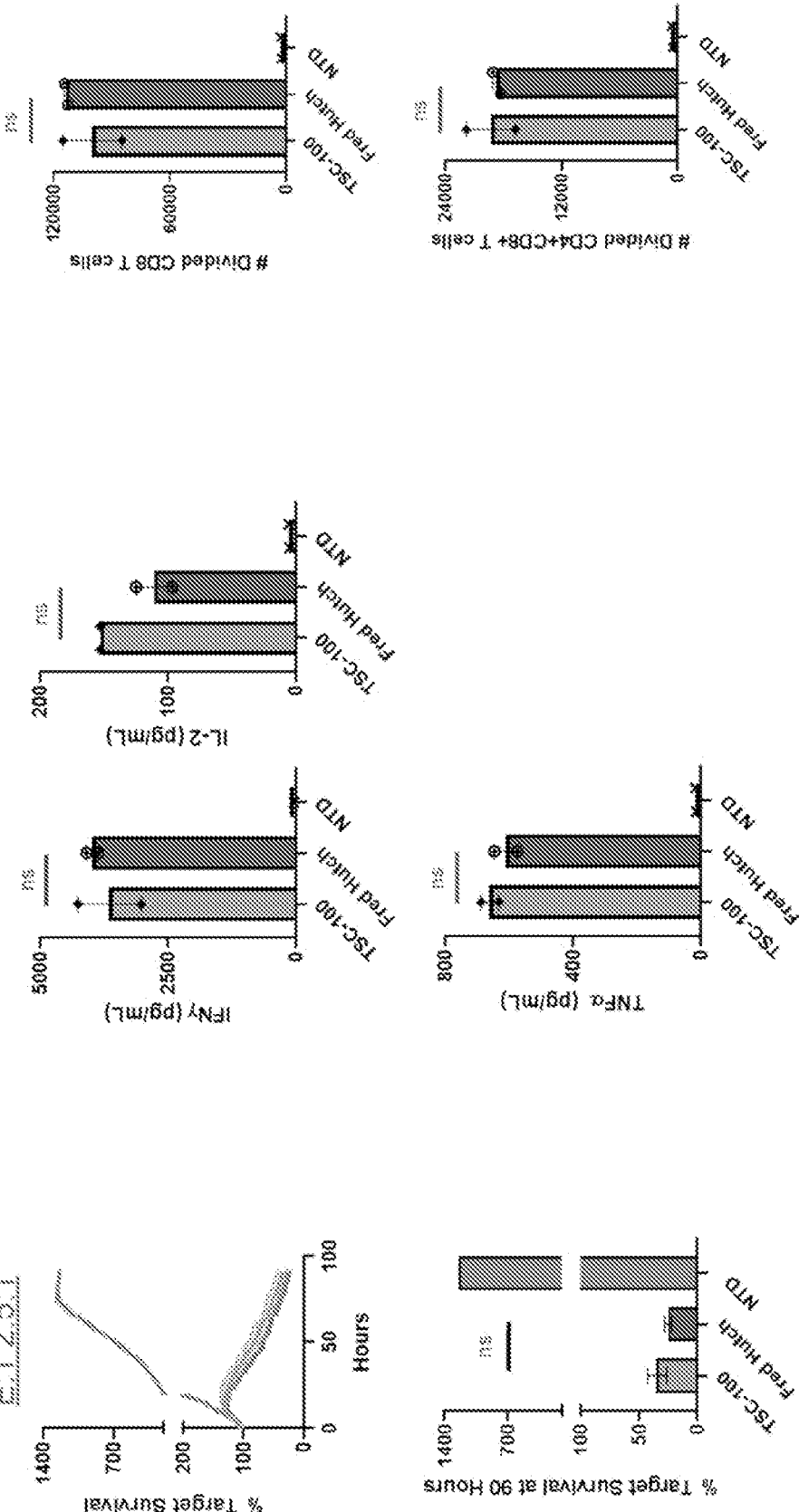


FIG. 4C

THP-1 targets
ET251

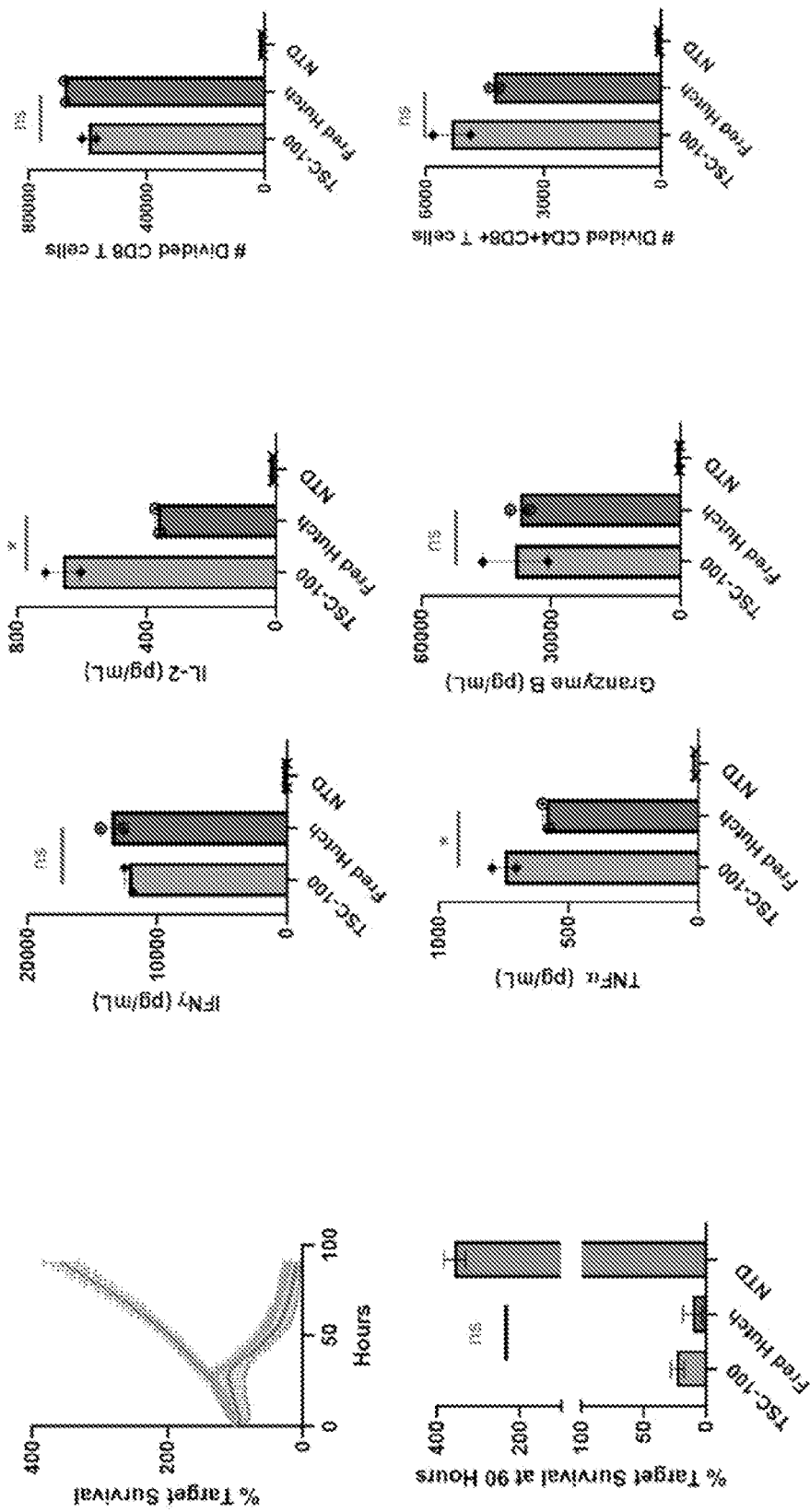


FIG. 4D

TF-1 (HLA-A*02:01^bHA-1^b) targets

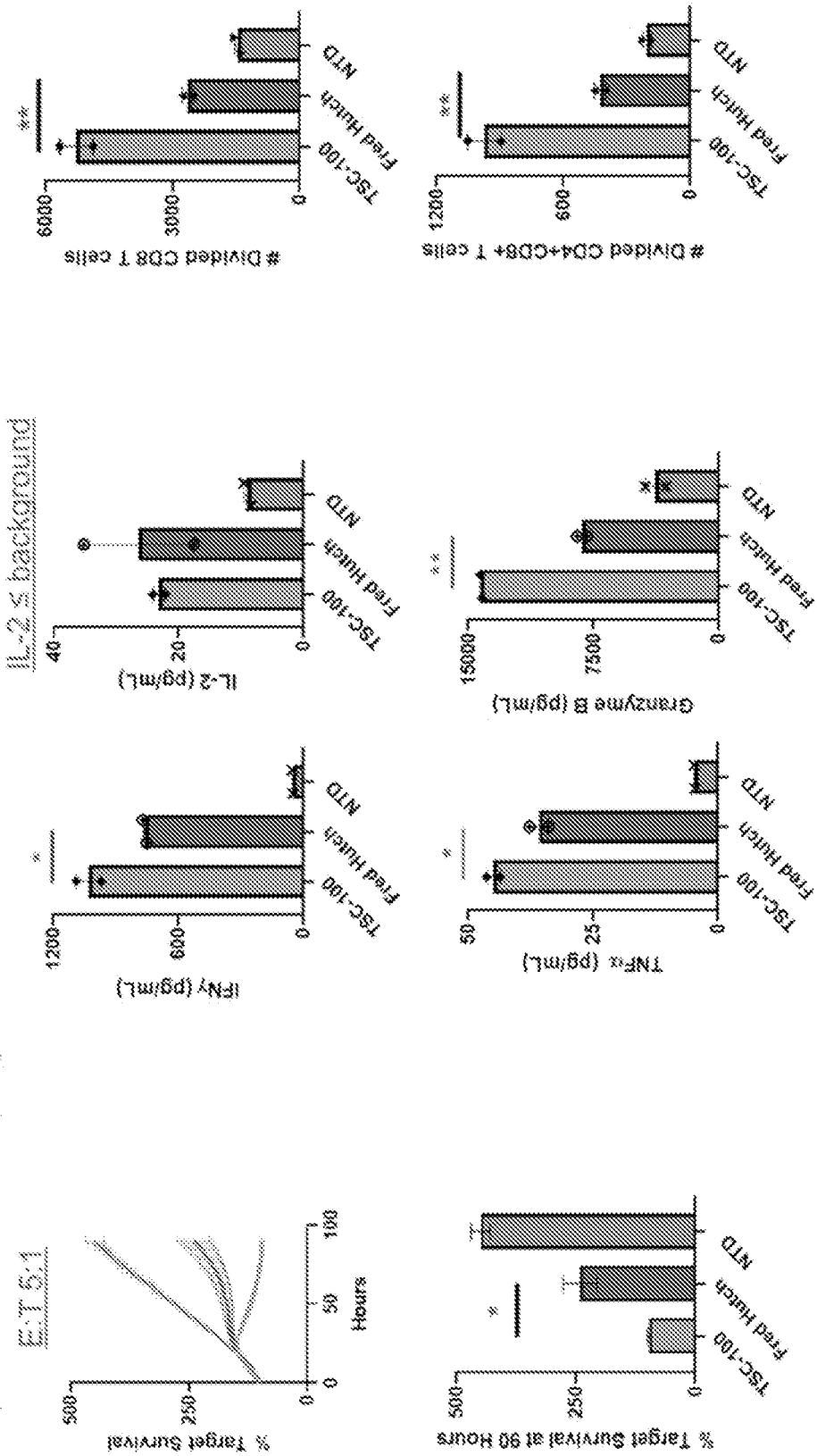


FIG. 4E
SU-DHL1 targets
ET10:1

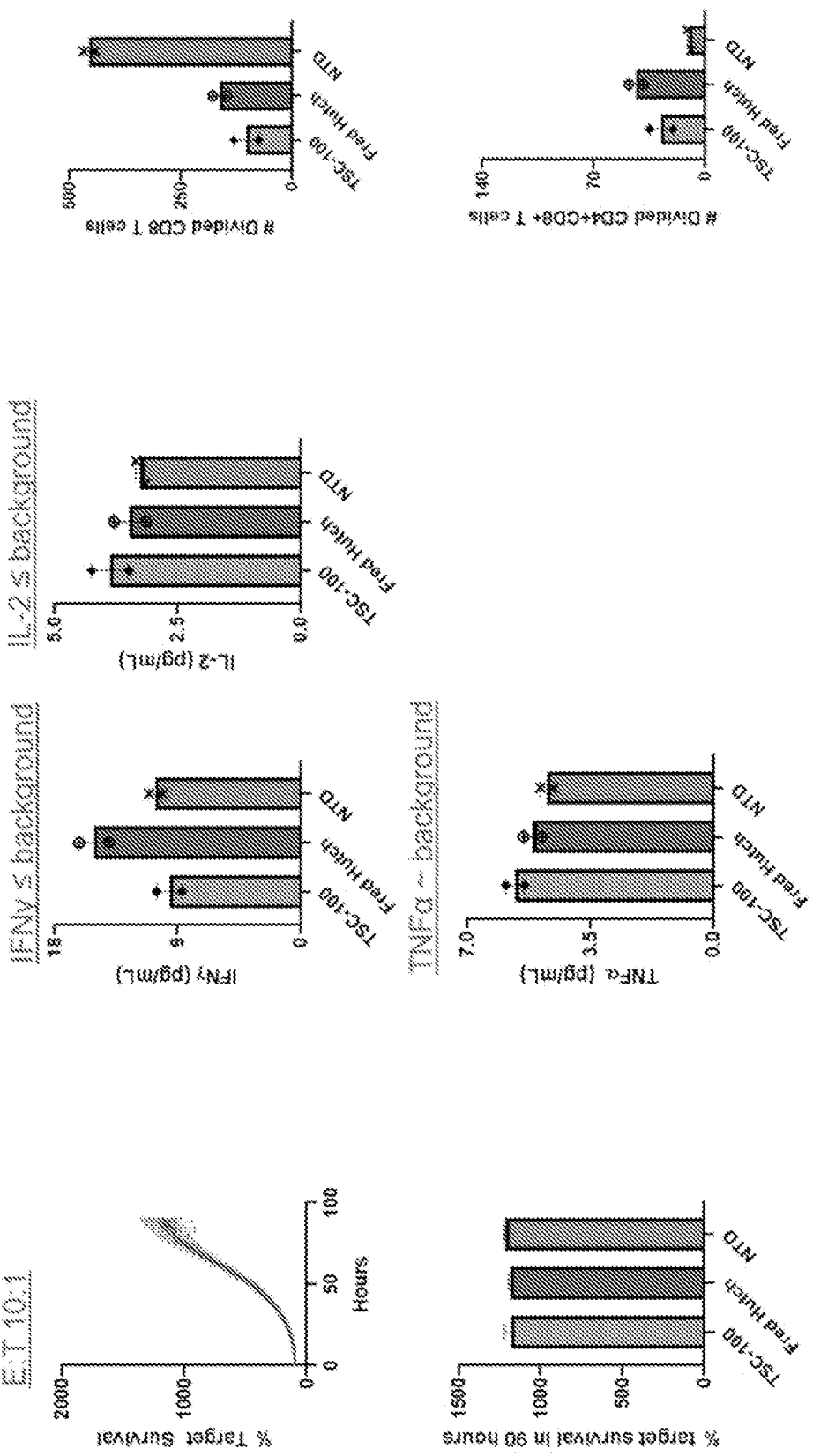


FIG. 4F

T cells only

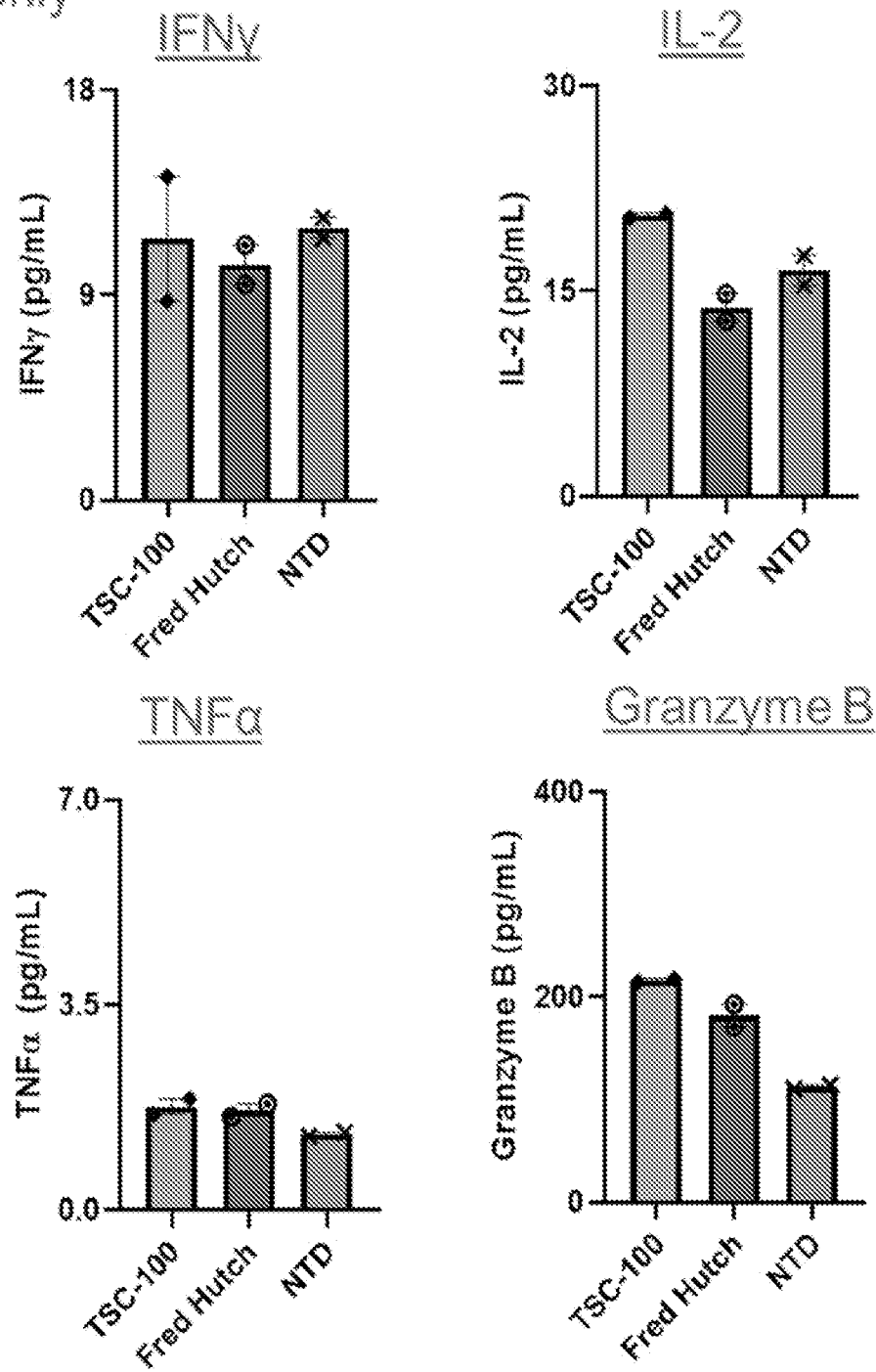


FIG. 5

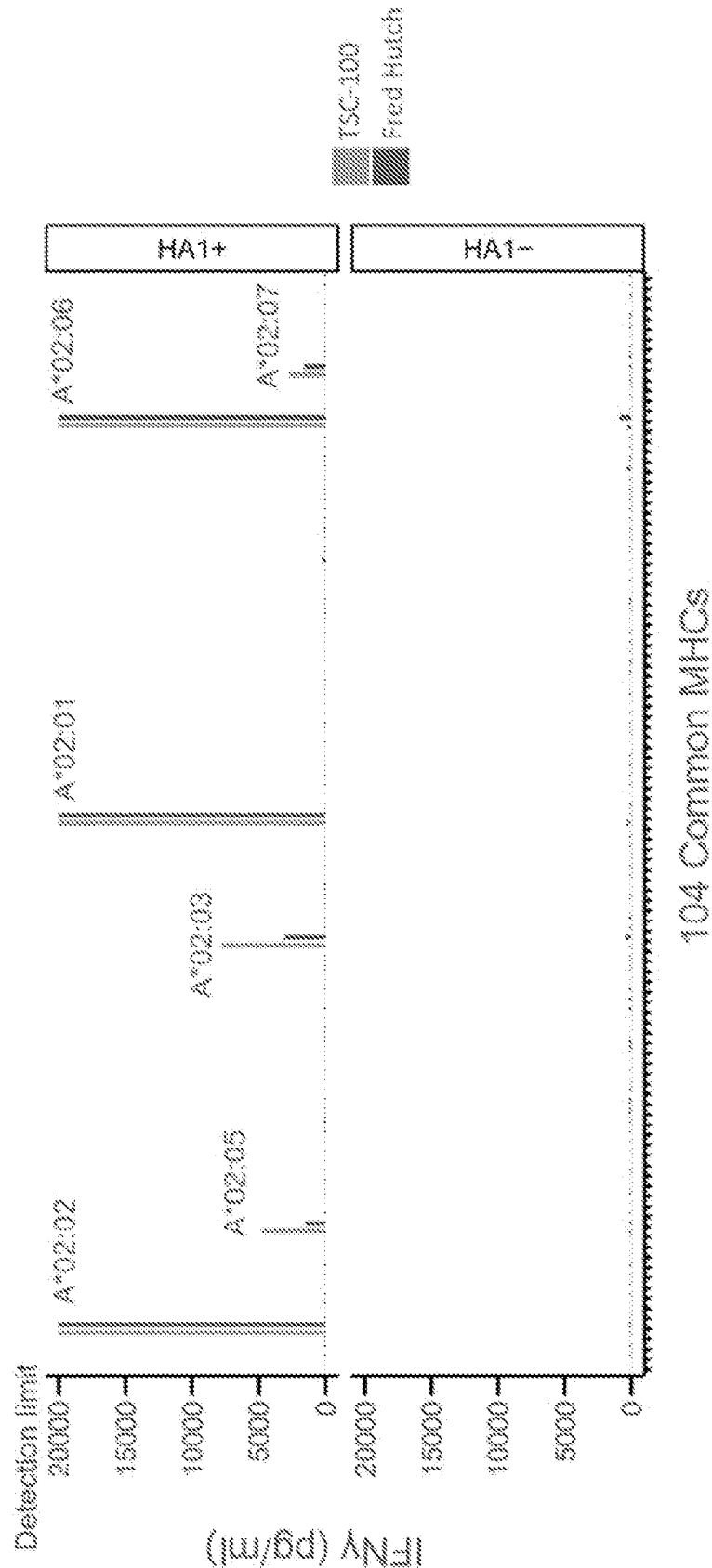


FIG. 6A

TSC-100 off-target screen

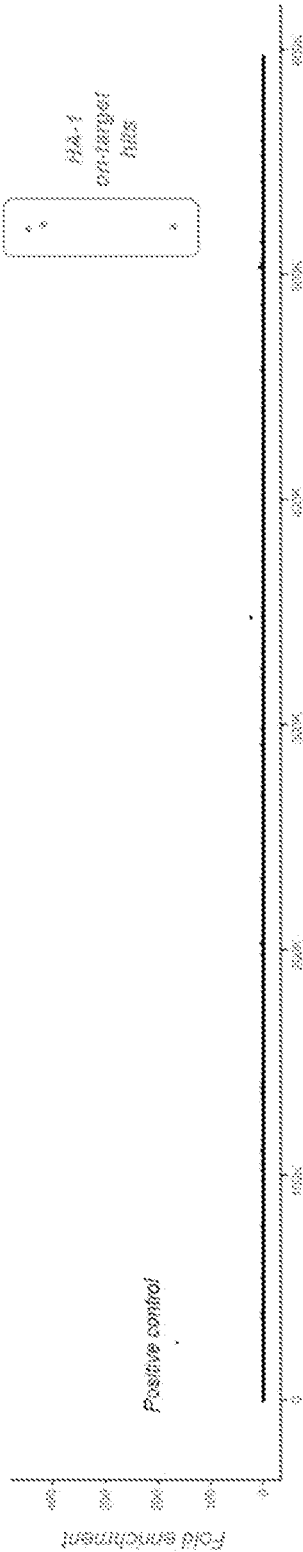


FIG. 6B

Fred Hutch off-target screen

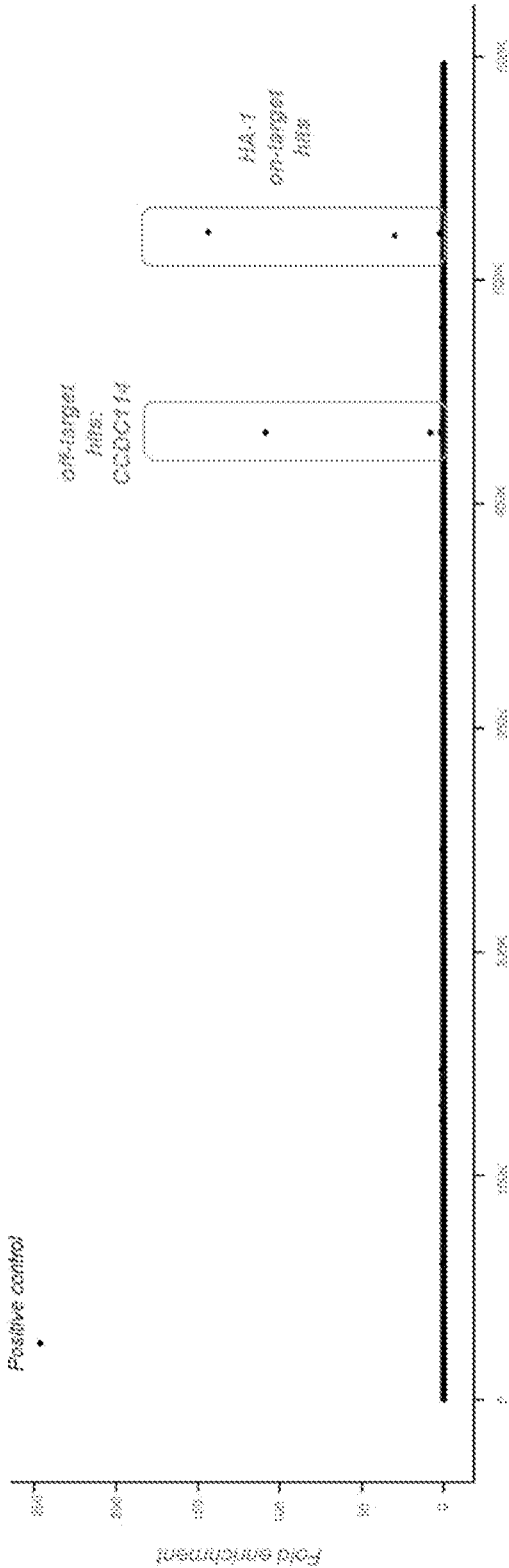


FIG. 7A

TCR expression on Donor 1 Pan T cells by dextramer staining

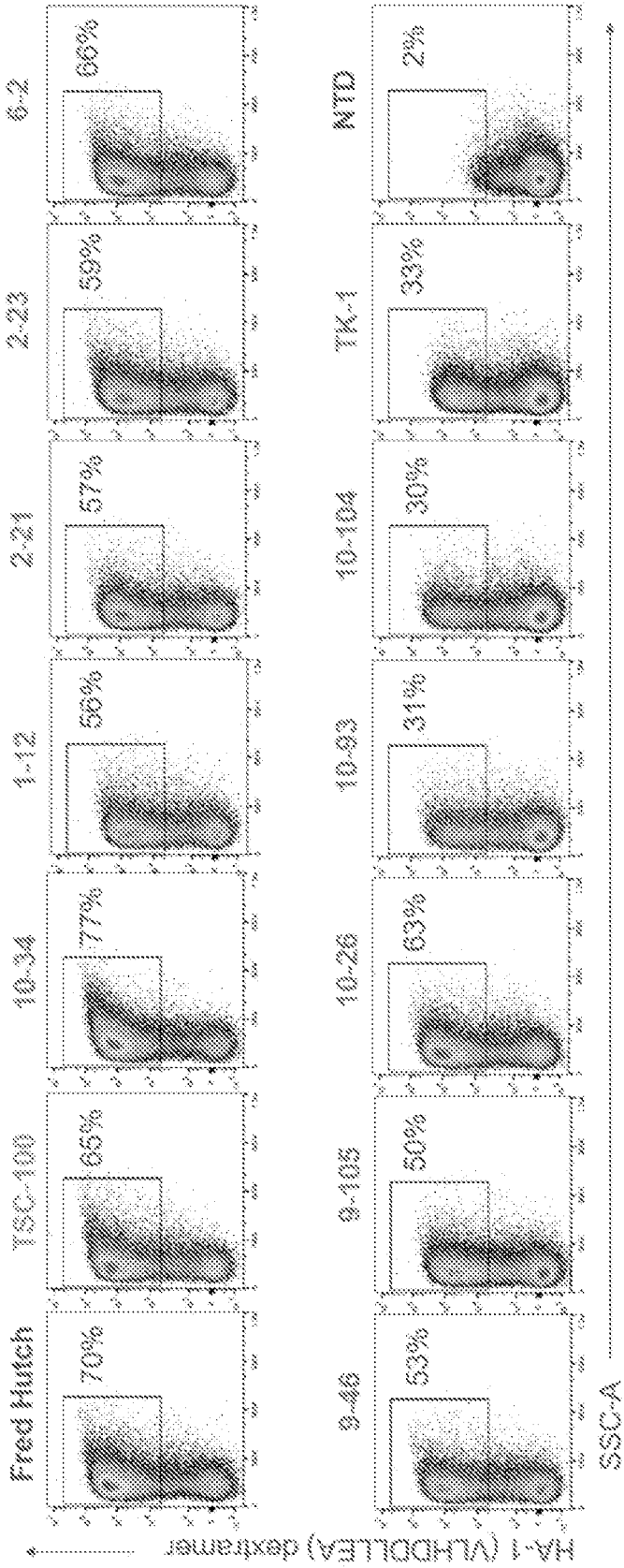


FIG. 7B

TCR expression on Donor 2 Pan T cells by dextramer staining

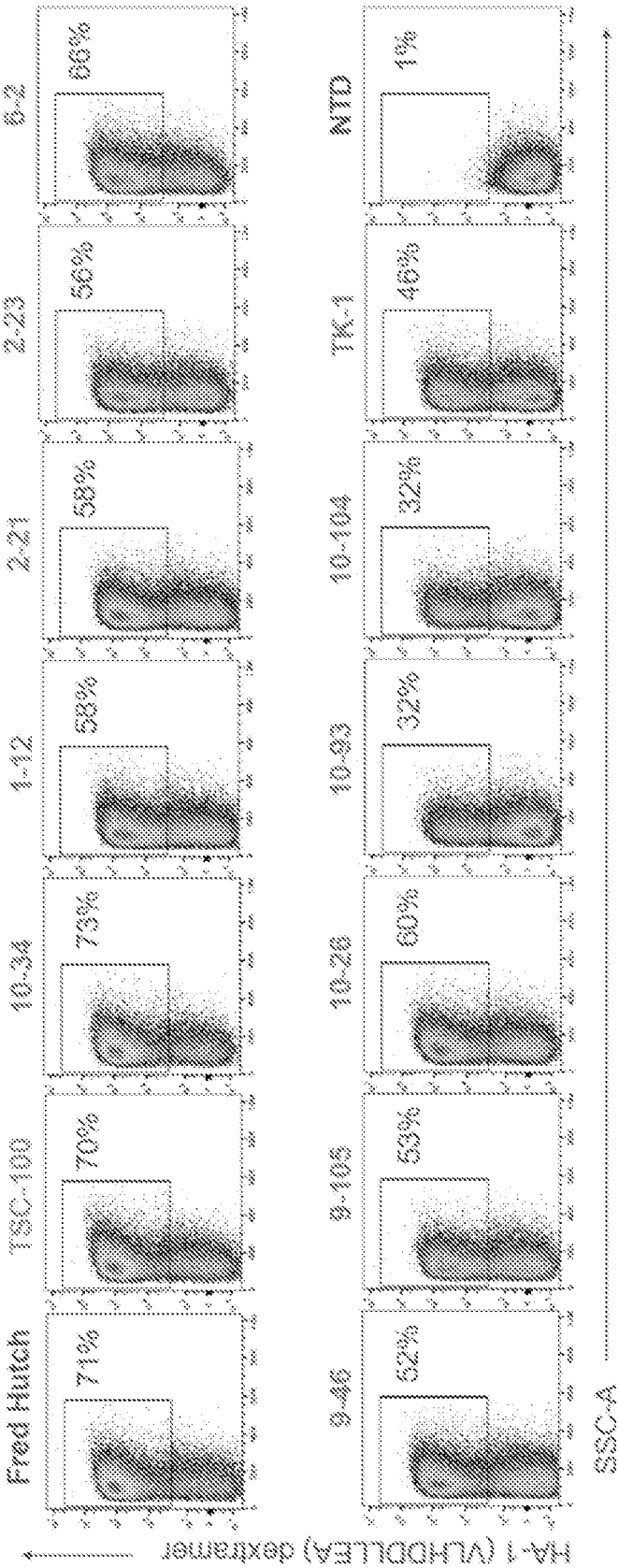


FIG. 7C

TCR expression on Donor 3 Pan T cells by dextramer staining

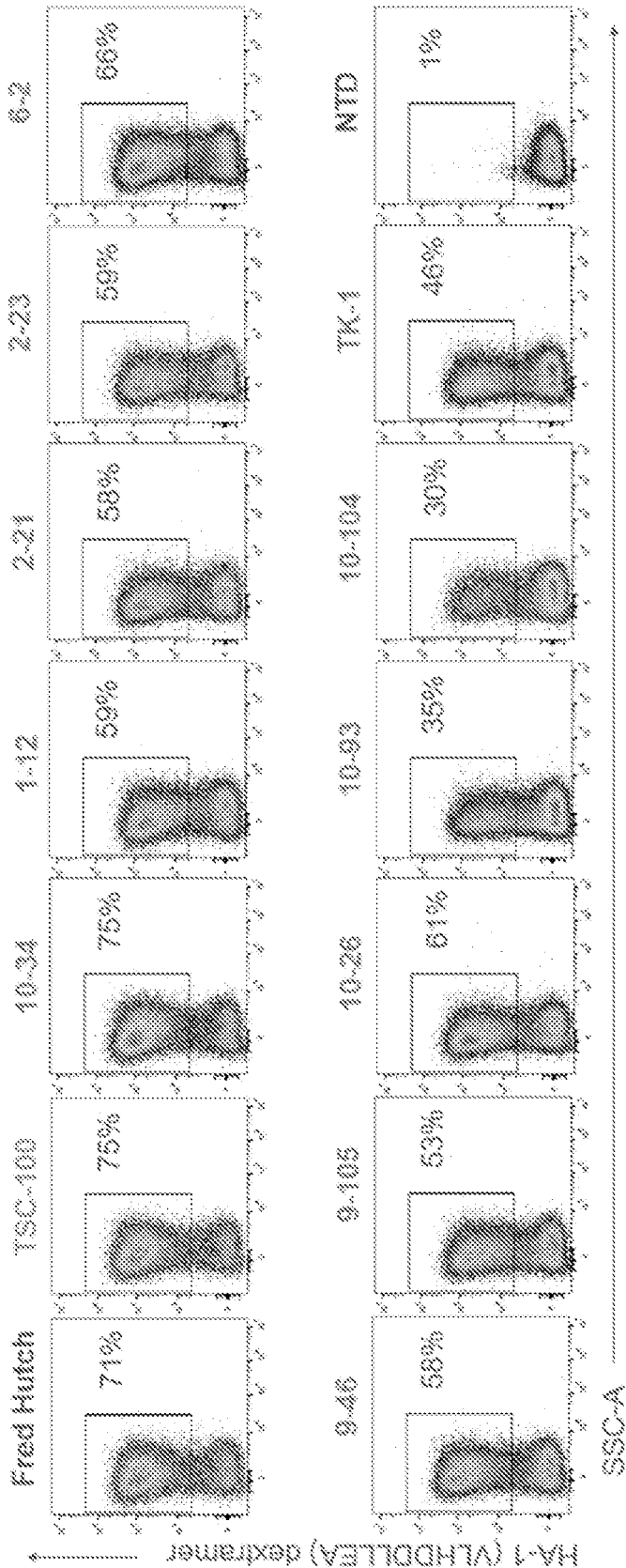


FIG. 7D

T cell cytotoxicity of SUP-M2 (HLA-A*02:01+HA-1⁺) targets at E:T of 2.5:1

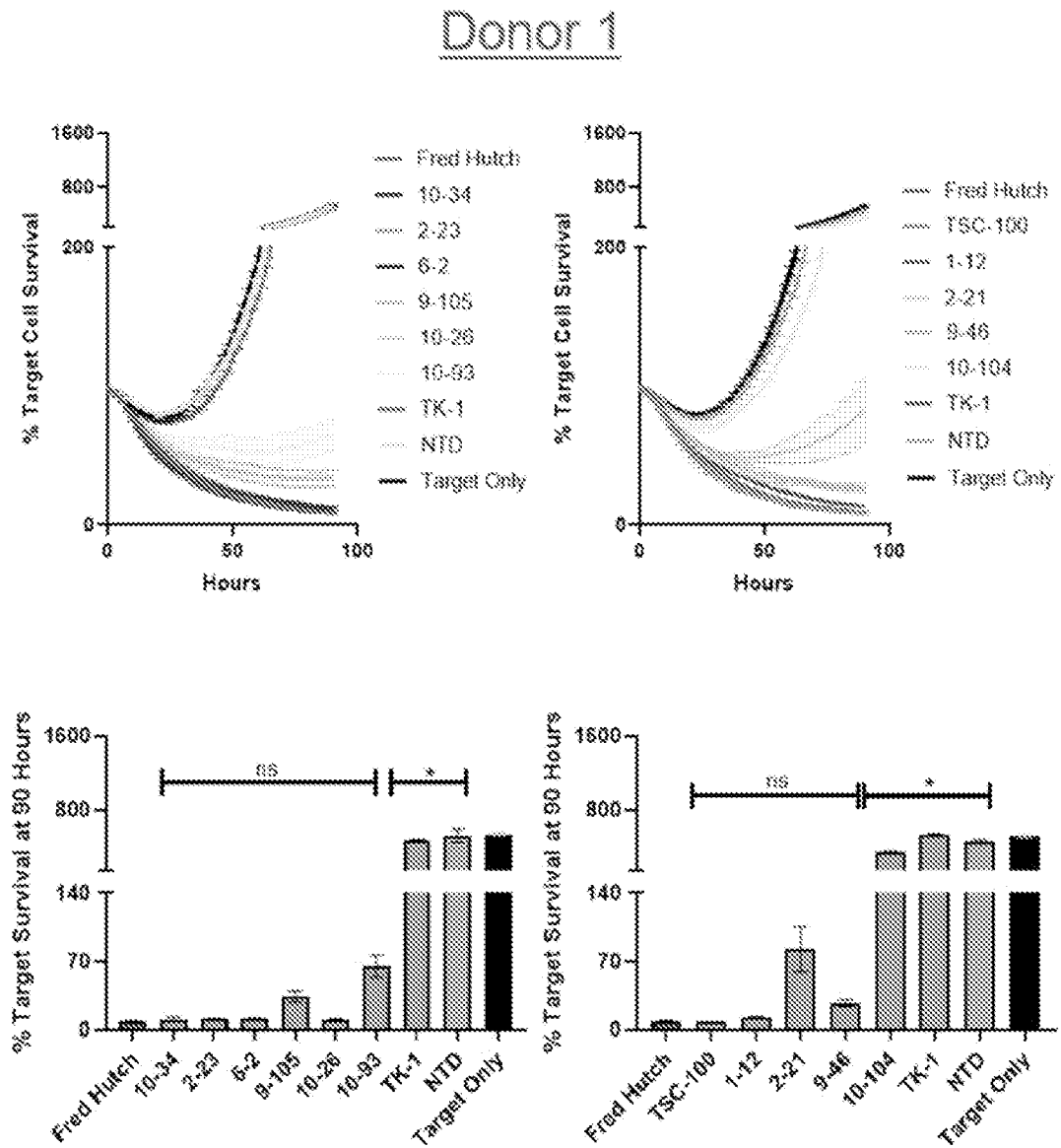


FIG. 7D T cell cytotoxicity of SUP-M2 (HLA-A*02:01⁺HA-1⁺) targets at E:T of 2.5:1

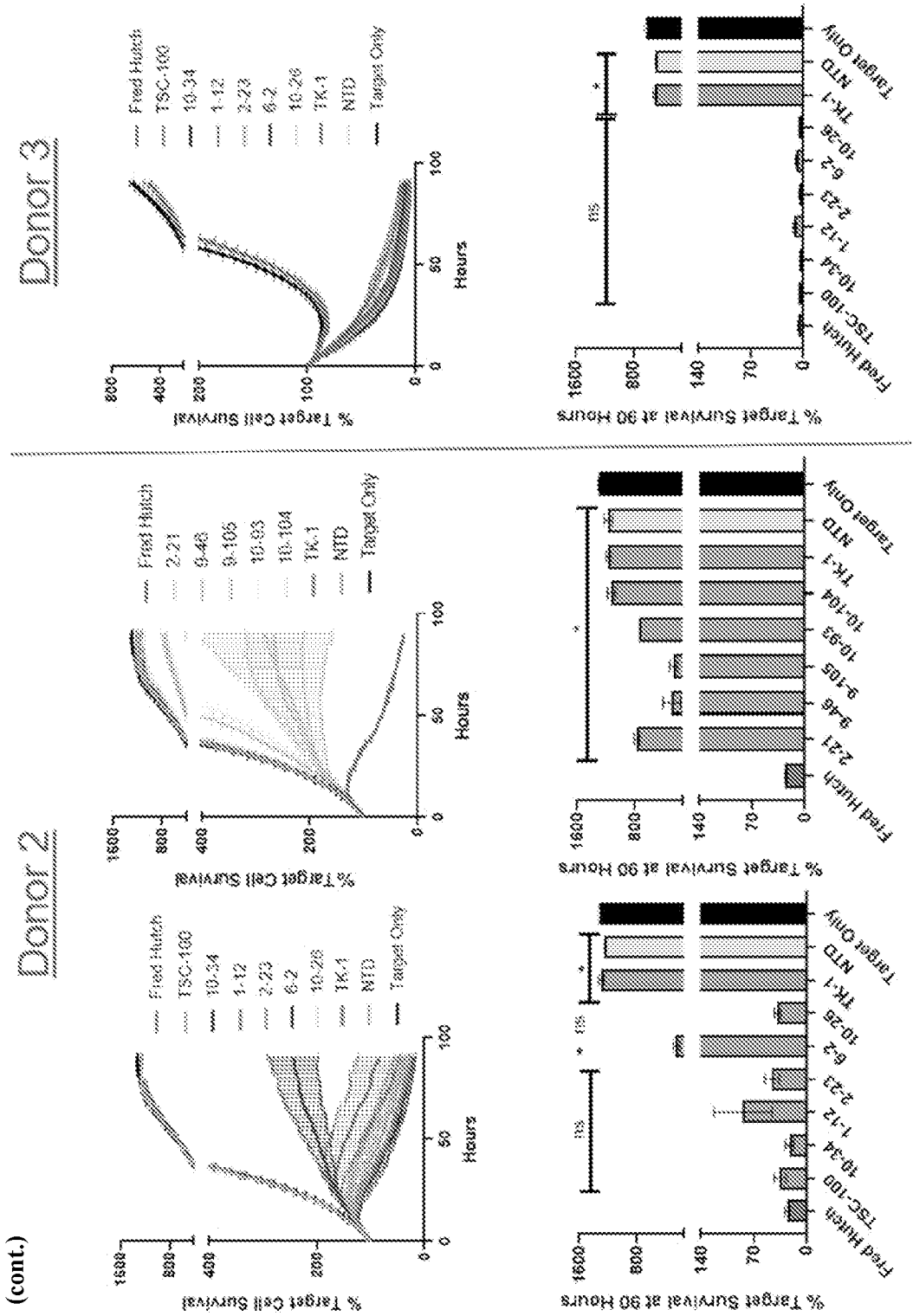


FIG. 7E

T cell cytokine production in response to SUP-M2 (HLA-A*02:01⁻HA-1⁺)

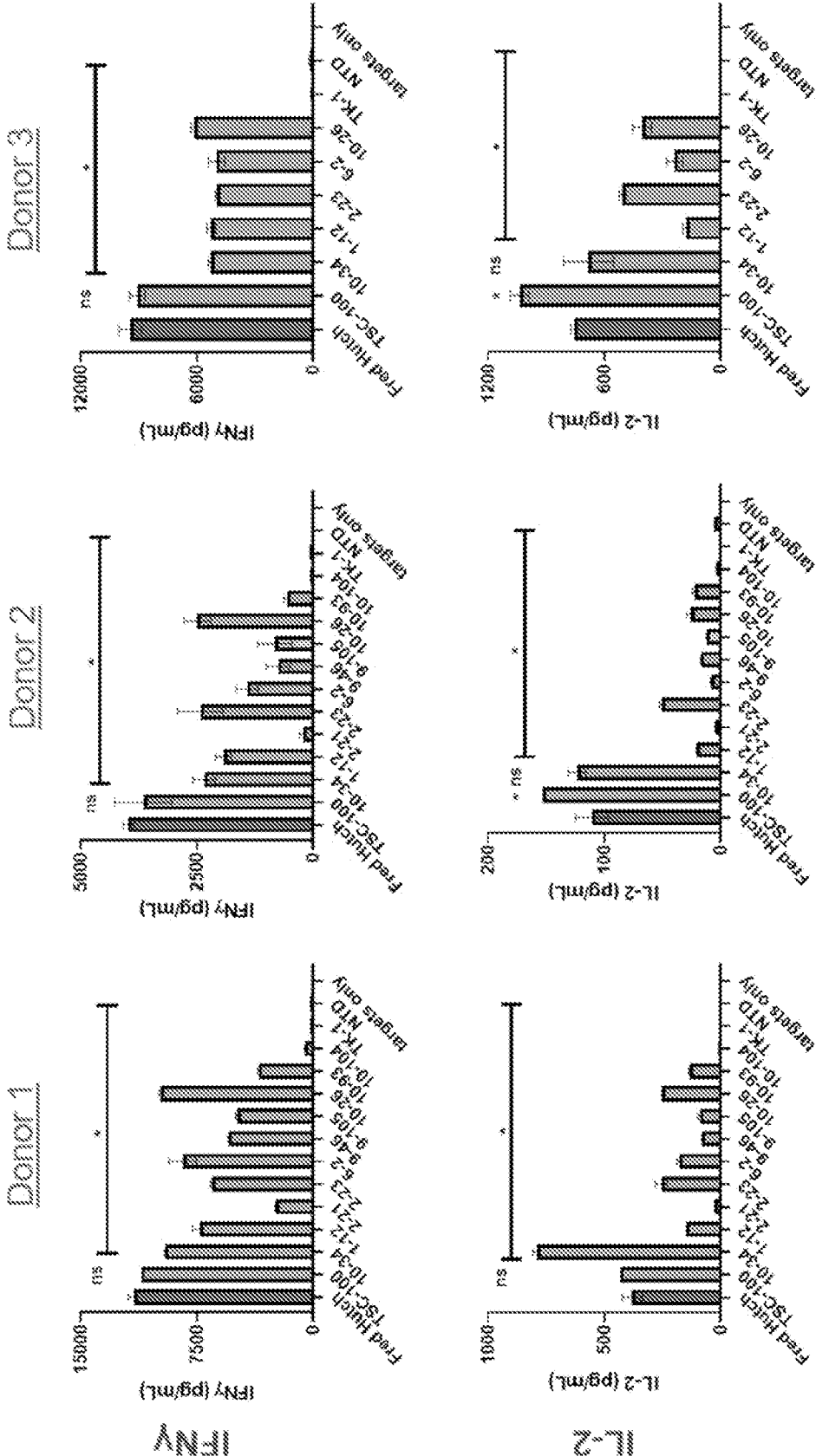


FIG. 7E (cont.)

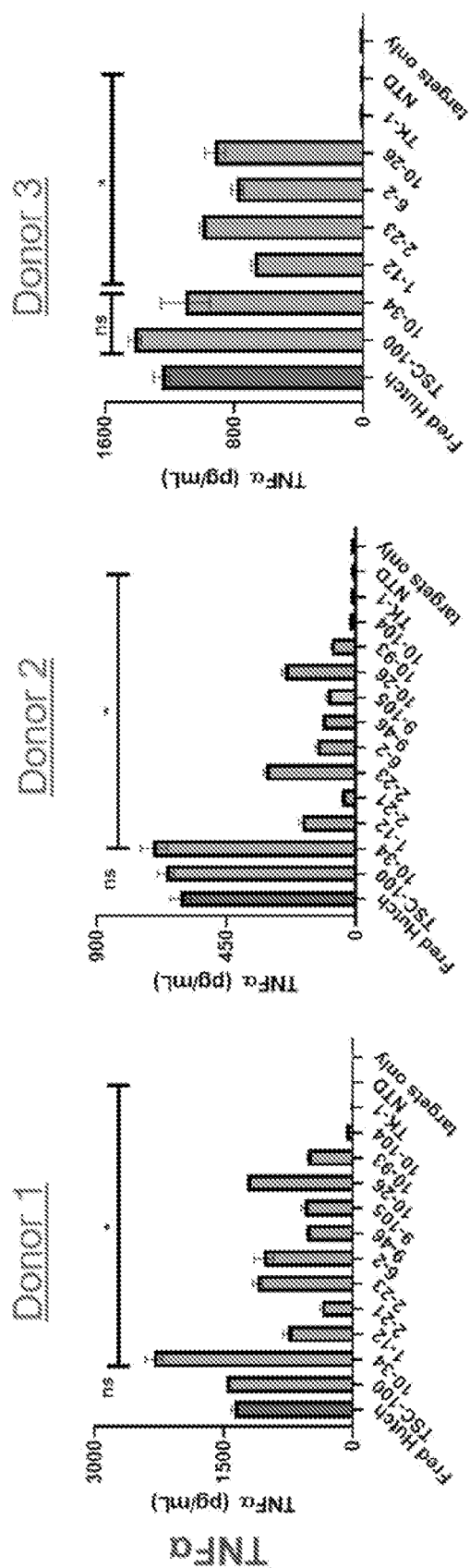
T cell cytokine production in response to SUP-M2 (HLA-A*02:01⁺HA-1⁺)

FIG. 7F T cell proliferation in response to SUP-M2 (HLA-A*02:01⁺HA-1⁺) targets- proliferation assay data

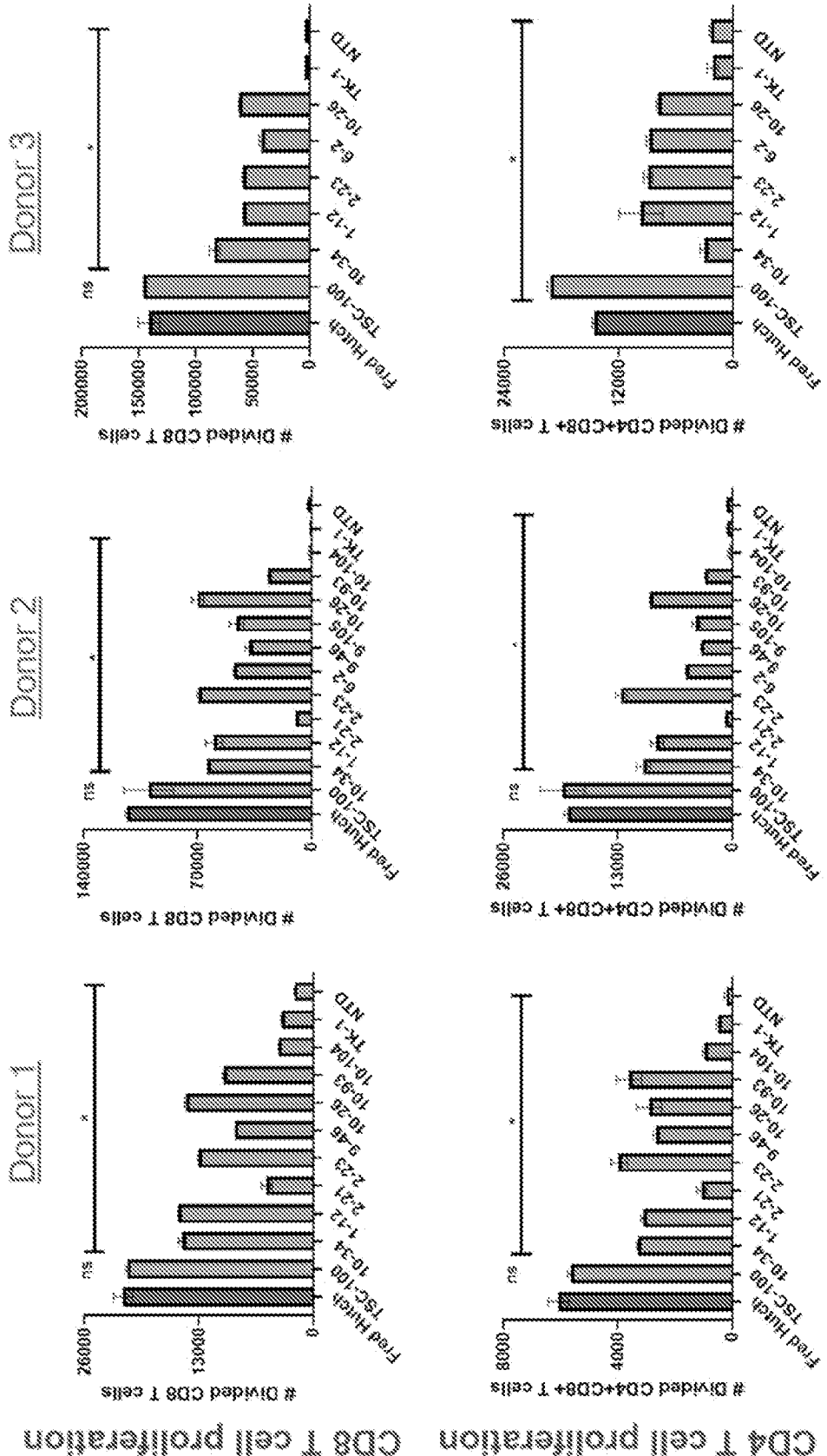


FIG. 7G

T cell cytotoxicity of THP-1 (HLA-A*02:01+HA-1⁺) targets at E:T of 2.5:1

Donor 1

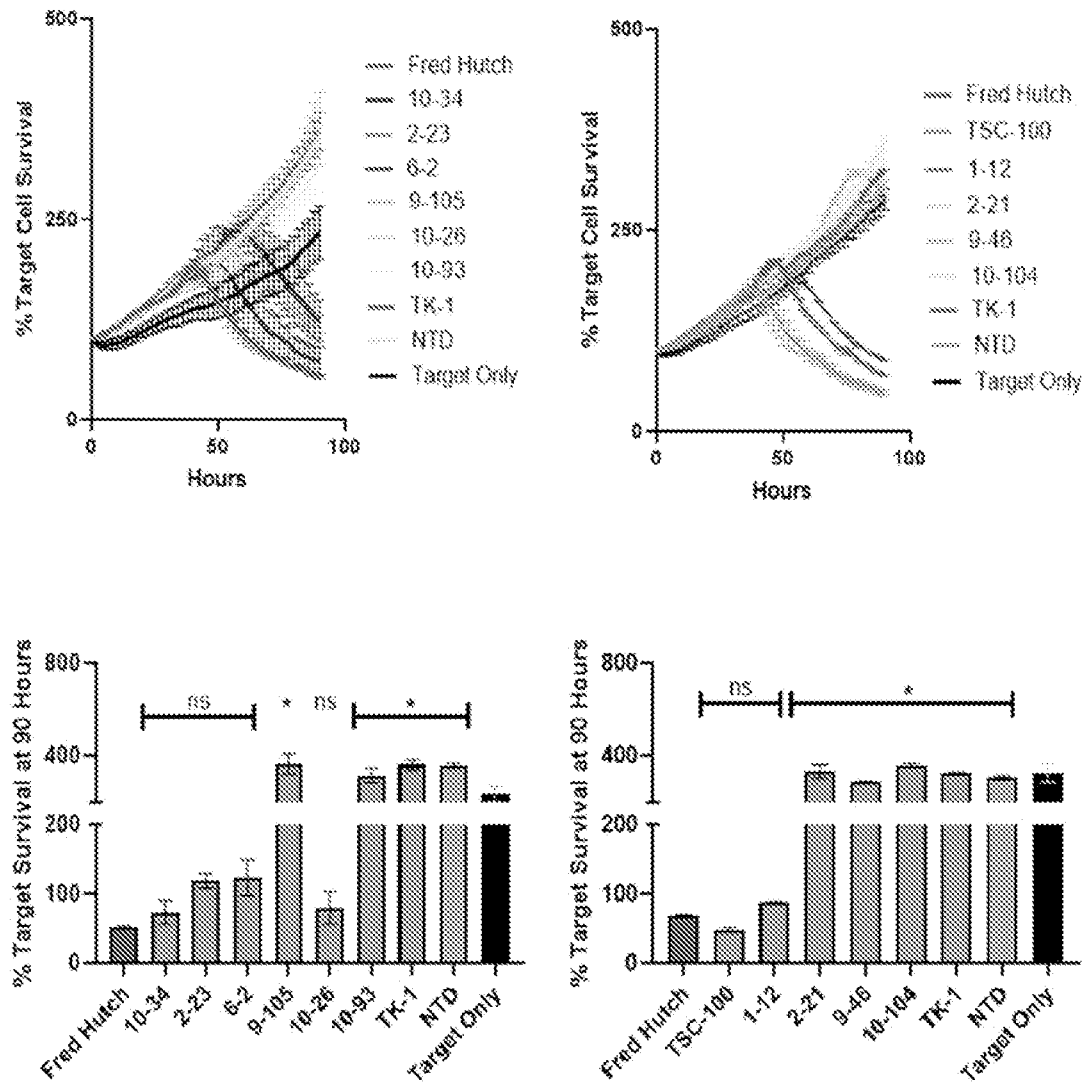


FIG. 7G T cell cytotoxicity of THP-1 (HLA-A*02:01⁺HA-1⁺) targets at E:T of 2.5:1

(cont.)

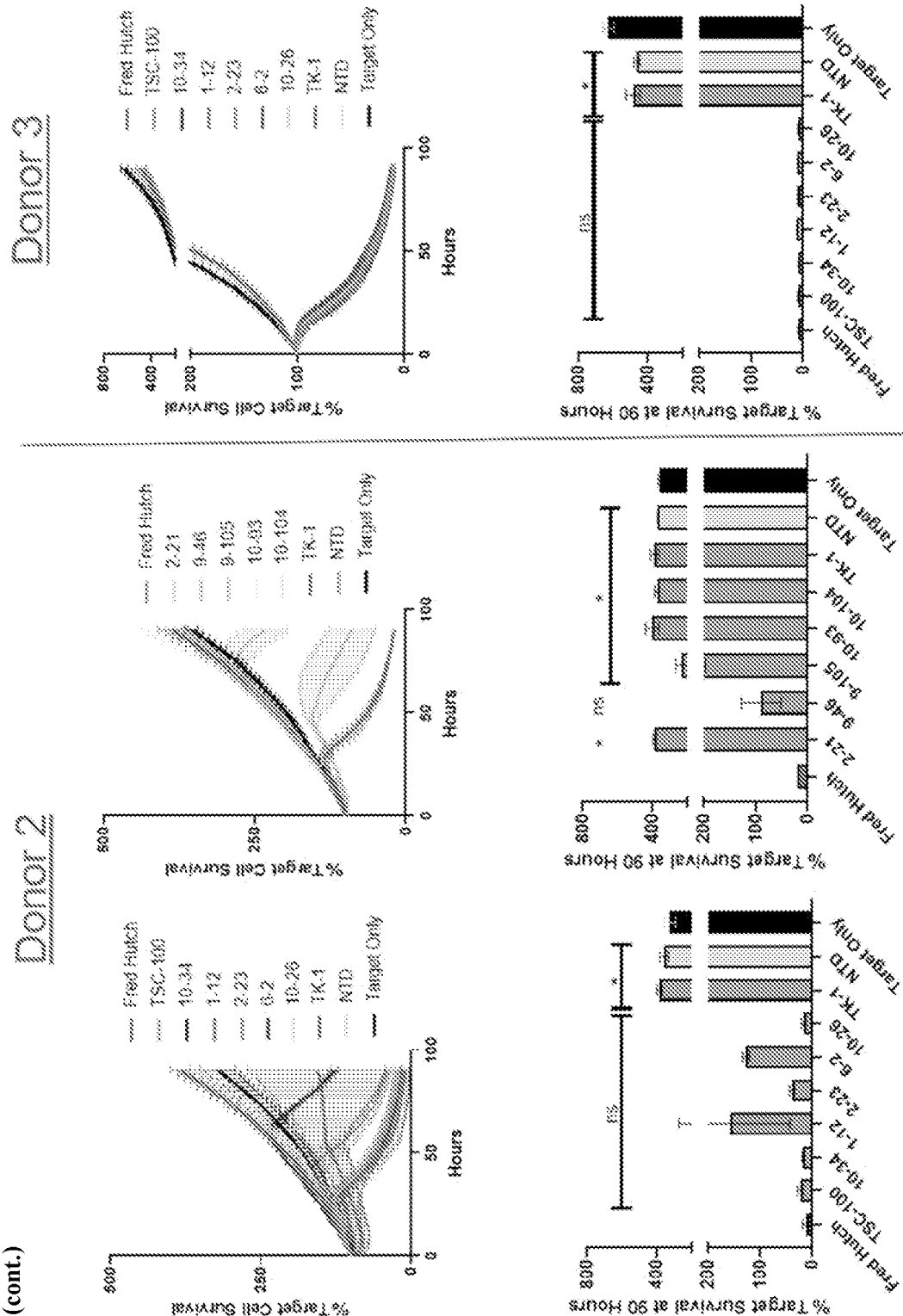


FIG. 7H T cell cytokine production in response to THP-1 (HLA-A*02:01+HA-1^T) targets

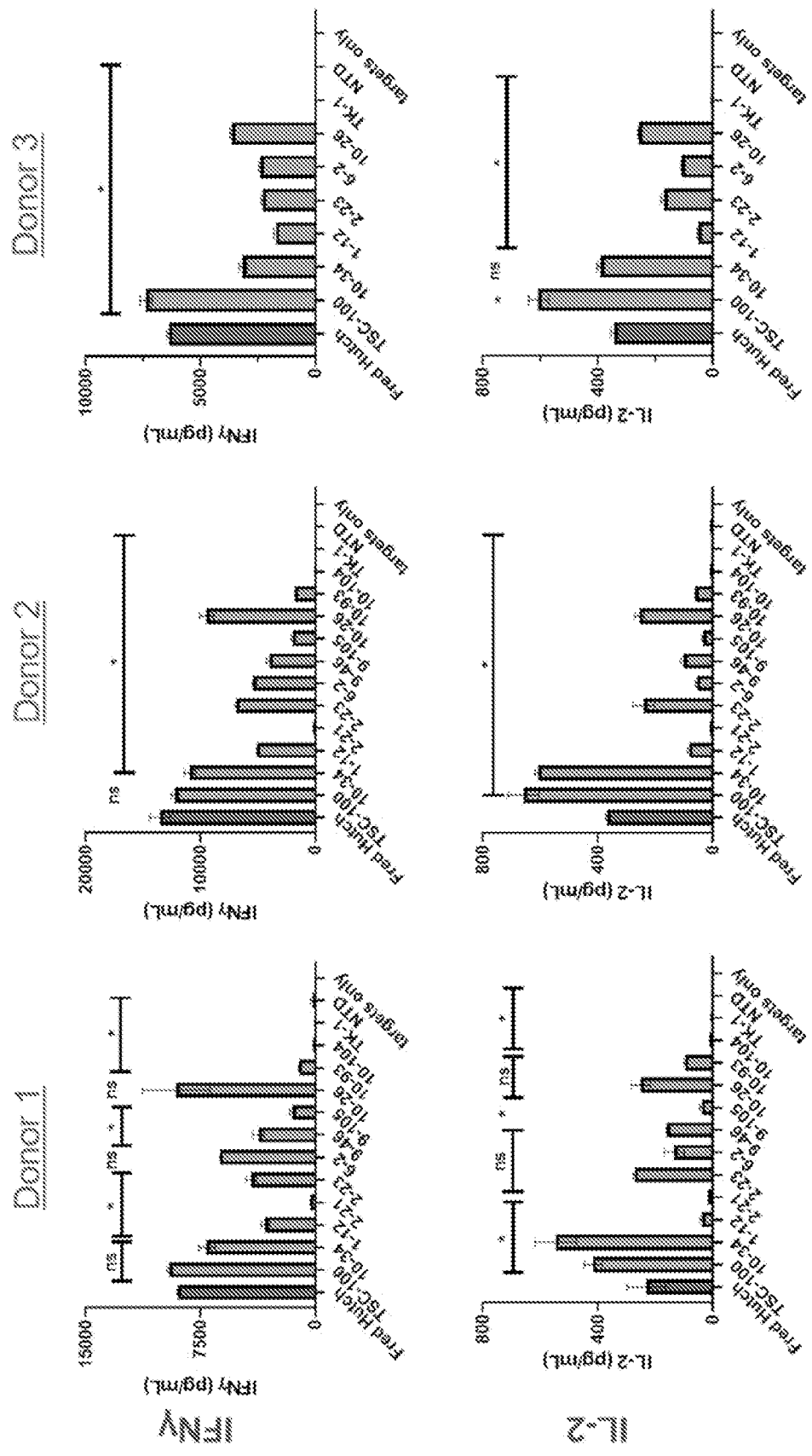


FIG. 7H (cont.) T cell cytokine production in response to THP-1 (HLA-A*02:01+HA-1⁺) targets

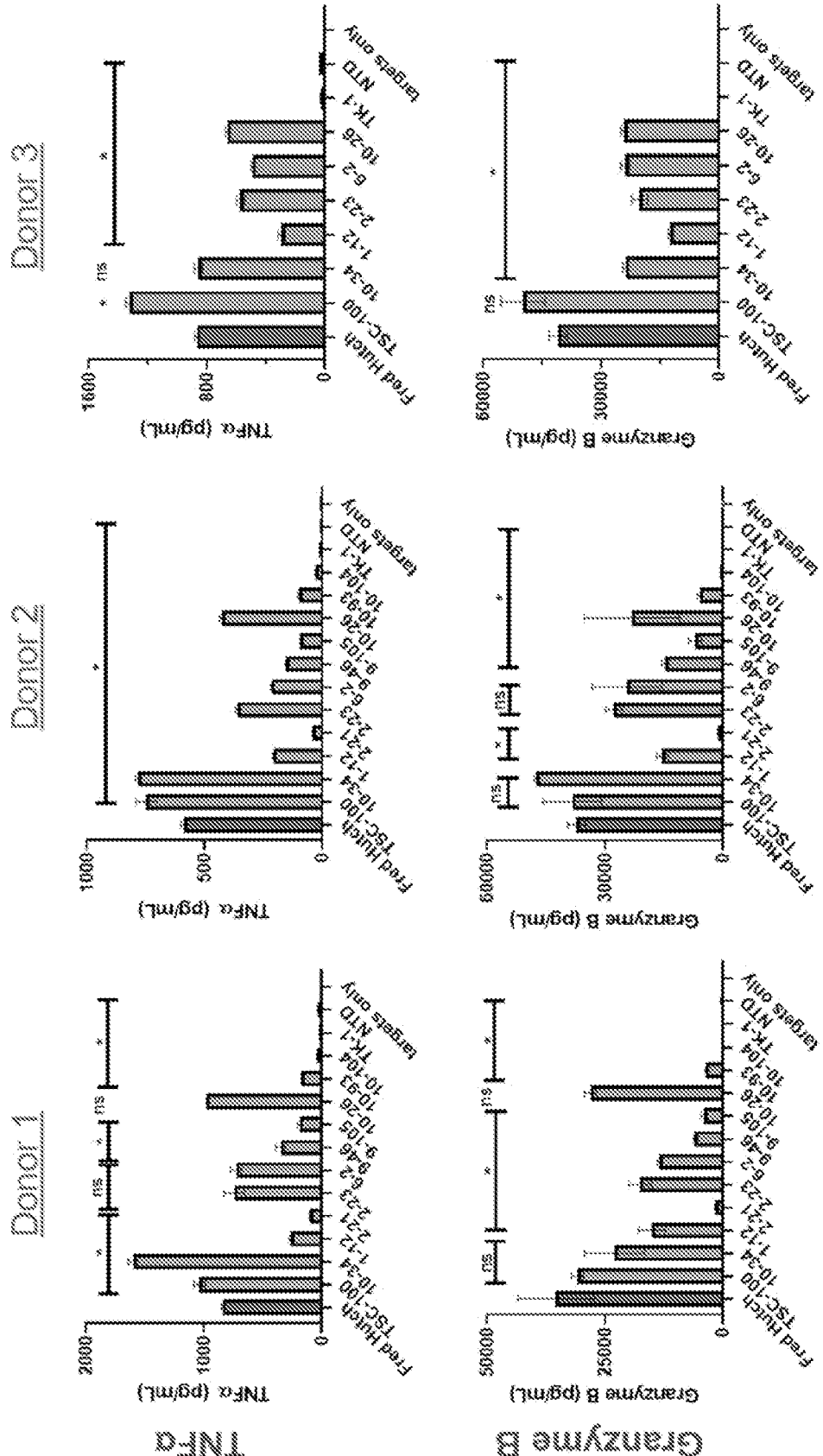


FIG. 7I T cell proliferation in response to THP-1 (HLA-A*02:01+HA-1^T) targets

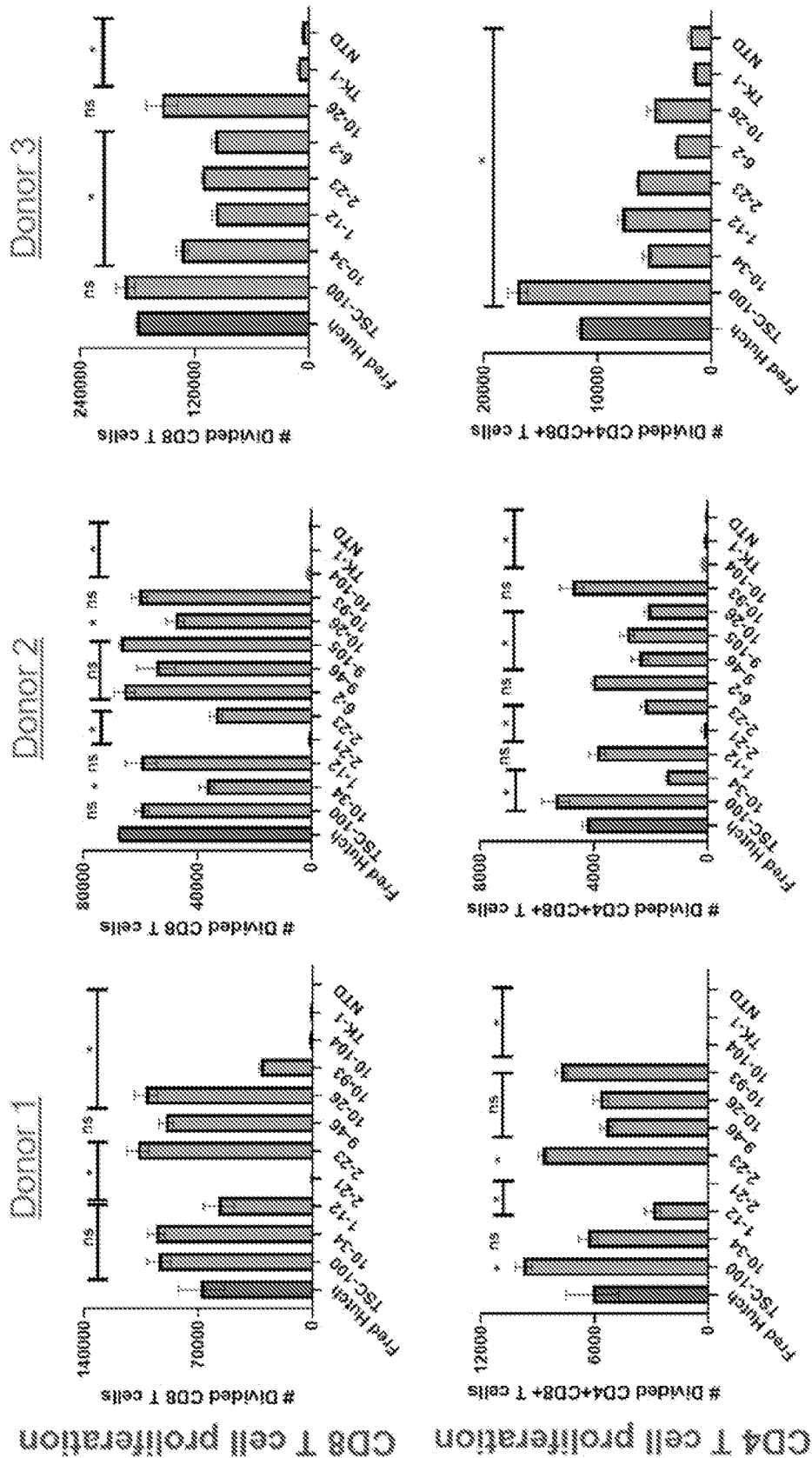


FIG. 7J

T cell cytotoxicity of TF-1 (HLA-A*02:01^{lo}HA-1^{lo}) targets at E:T of 5:1

Donor 1

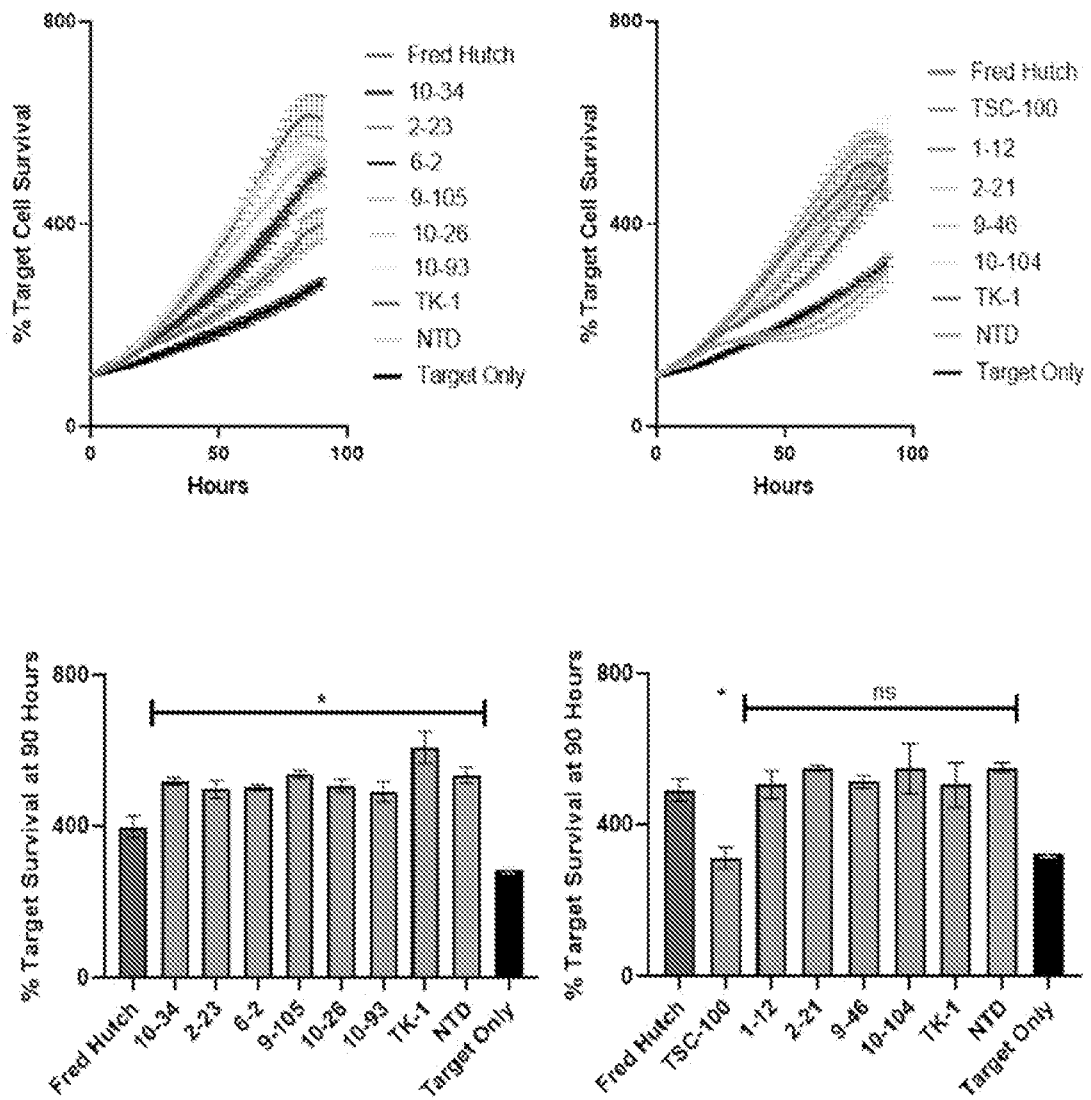


FIG. 7J (cont.)

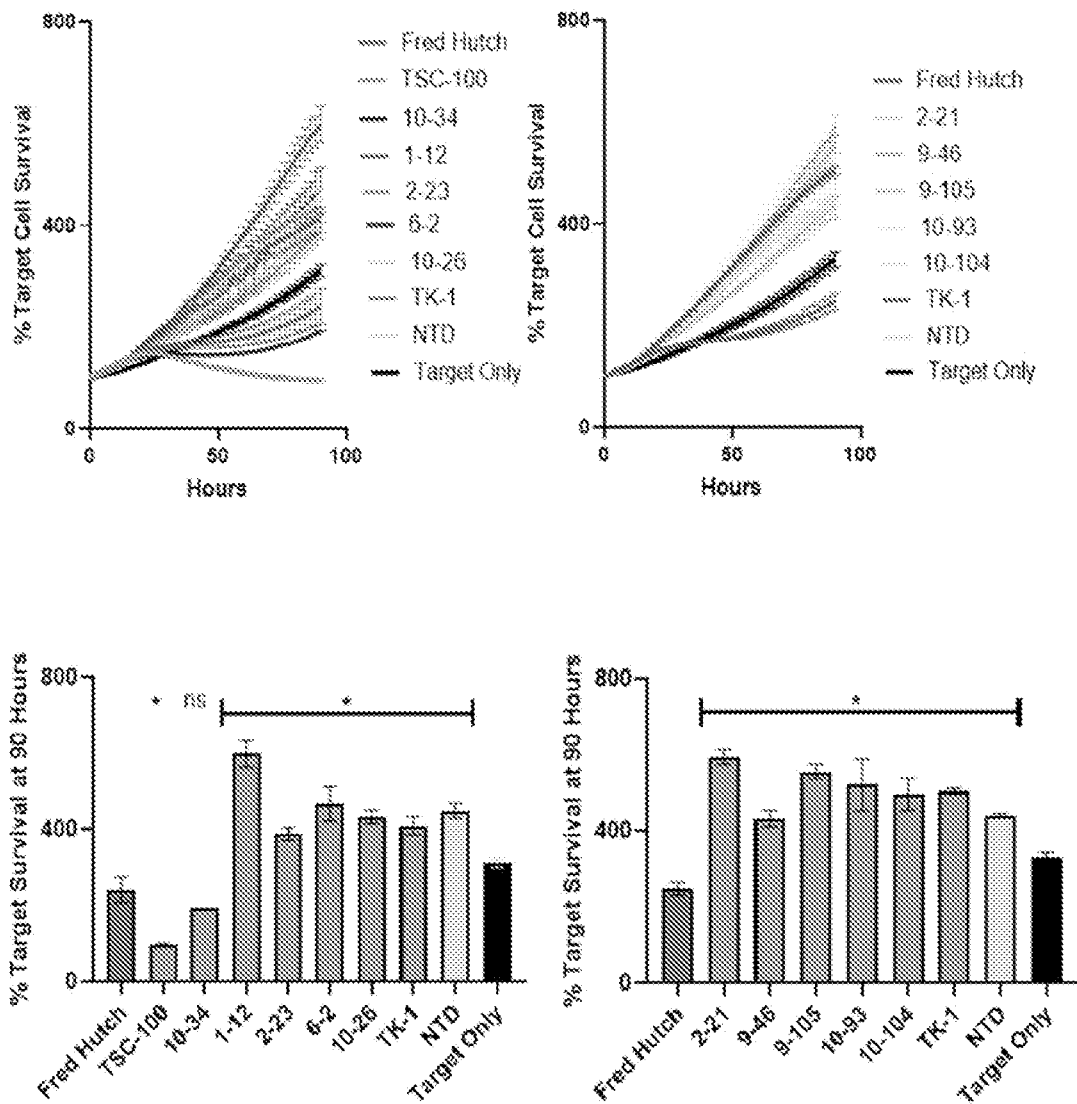
T cell cytotoxicity of TF-1 (HLA-A*02:01^{lo}HA-1^{lo}) targets at E:T of 5:1Donor 2

FIG. 7K

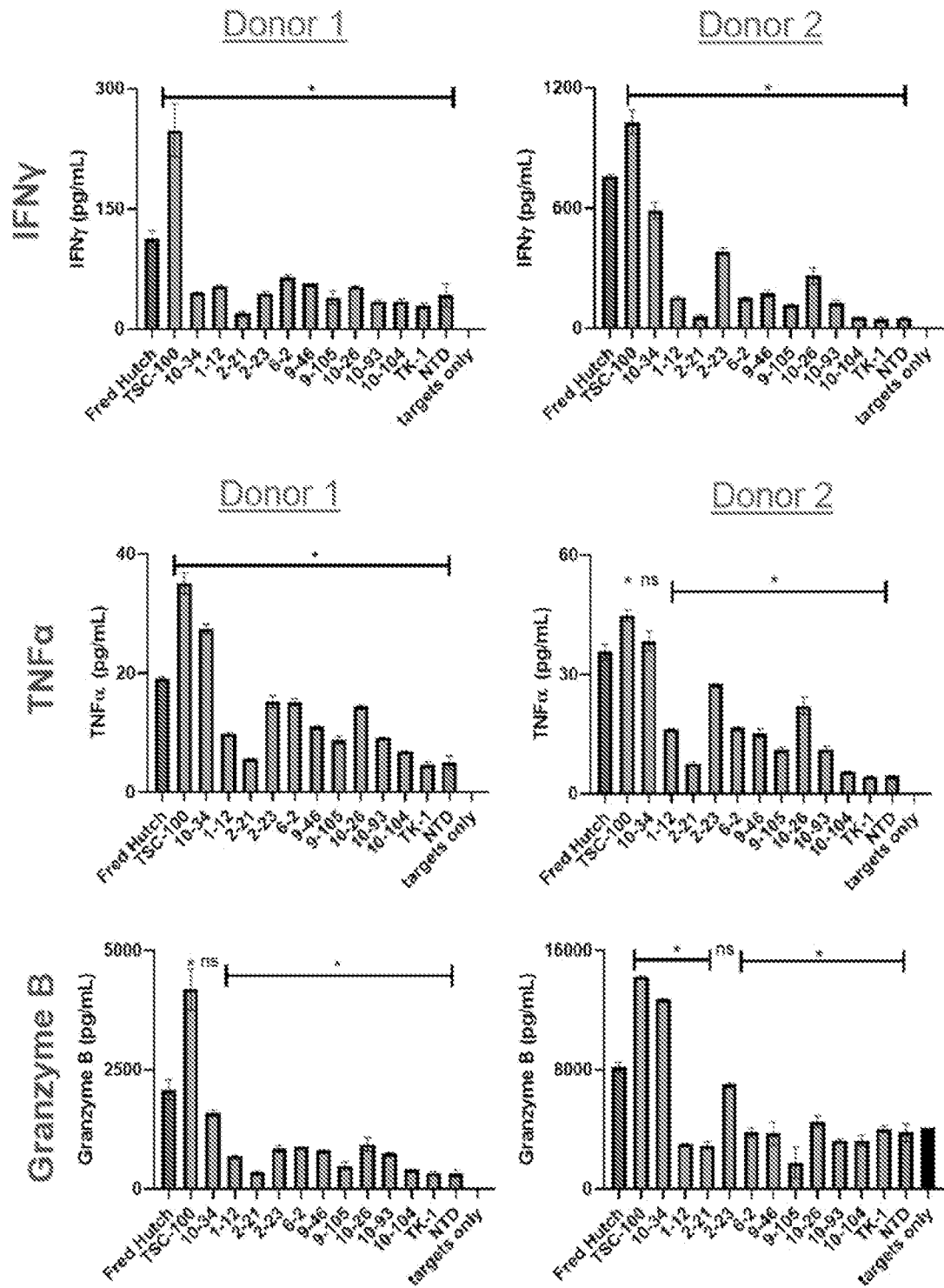
T cell cytokine production in response to TF-1 (HLA-A*02:01^{lo}HA-1^{lo}) targets

FIG. 7L

T cell cytokine production in response to TF-1 (HLA-A*02:01^{lo}HA-1^{lo}) targets

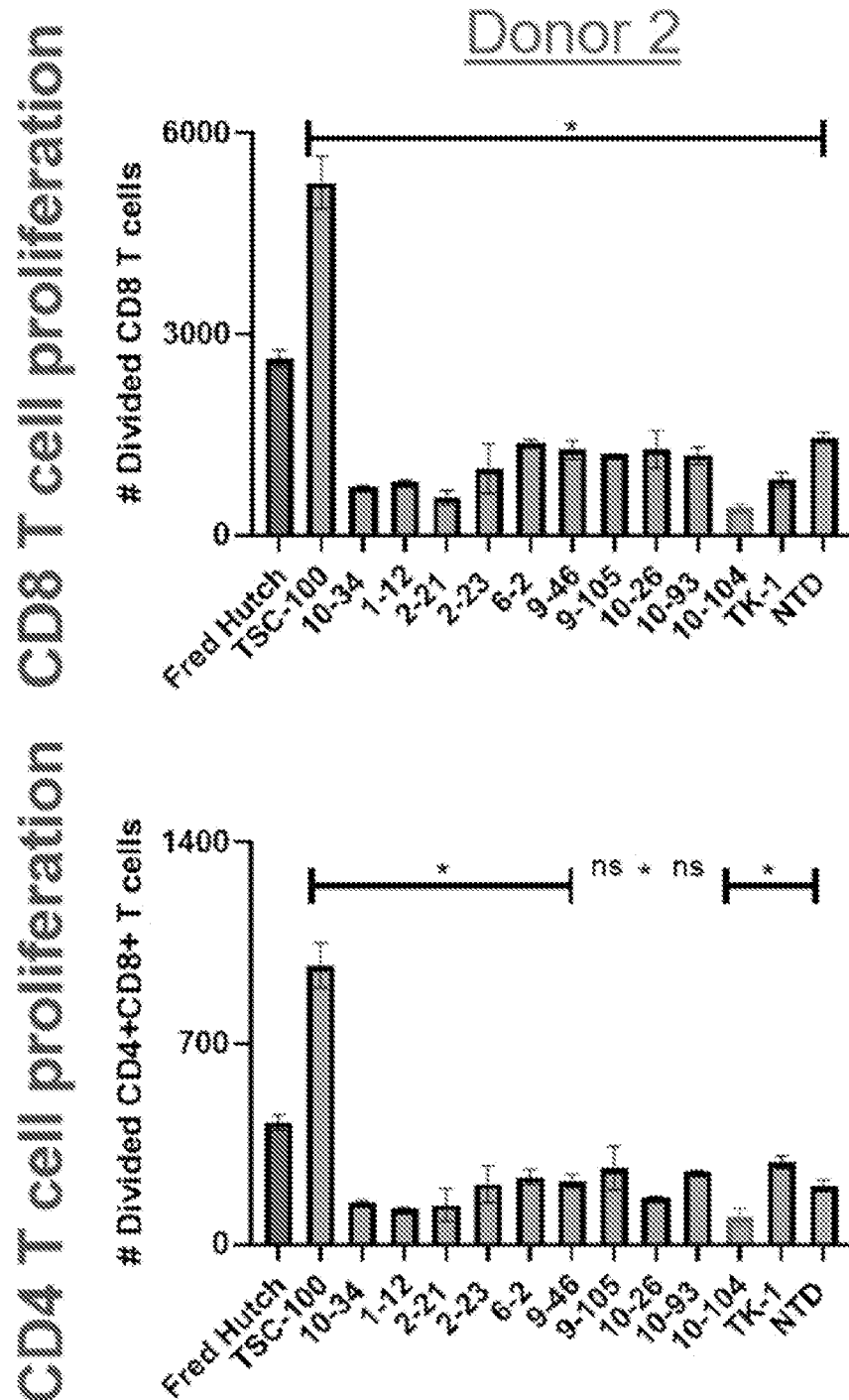


FIG. 7M

T cell cytotoxicity of SU-DHL1 (HLA-A*02:01+HA-1⁻) targets at E:T of 10:1

Donor 1

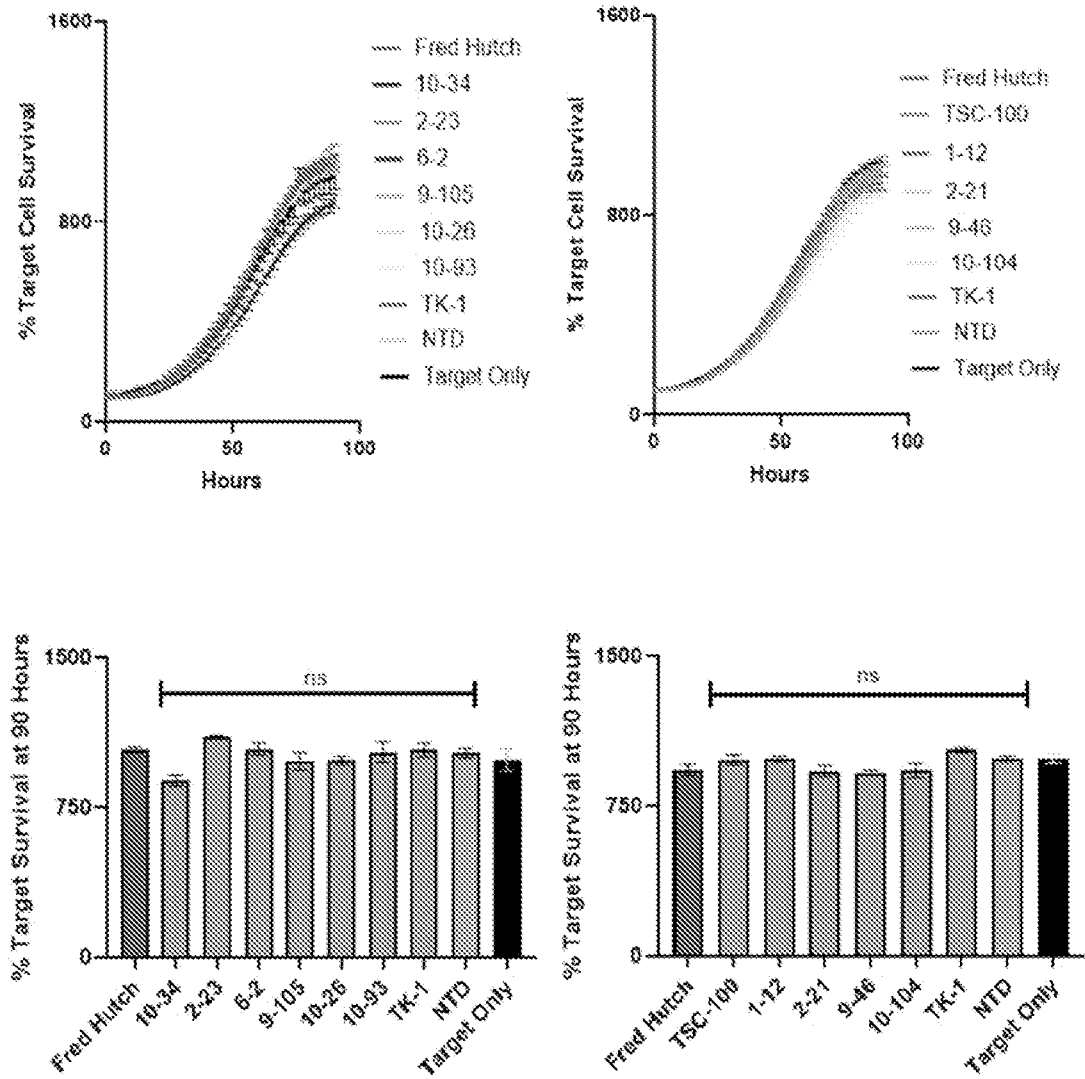


FIG. 7M T cell cytotoxicity of SU-DHL1 (HLA-A*02:01+HA-1^o) targets at E:T of 10:1

(cont.)

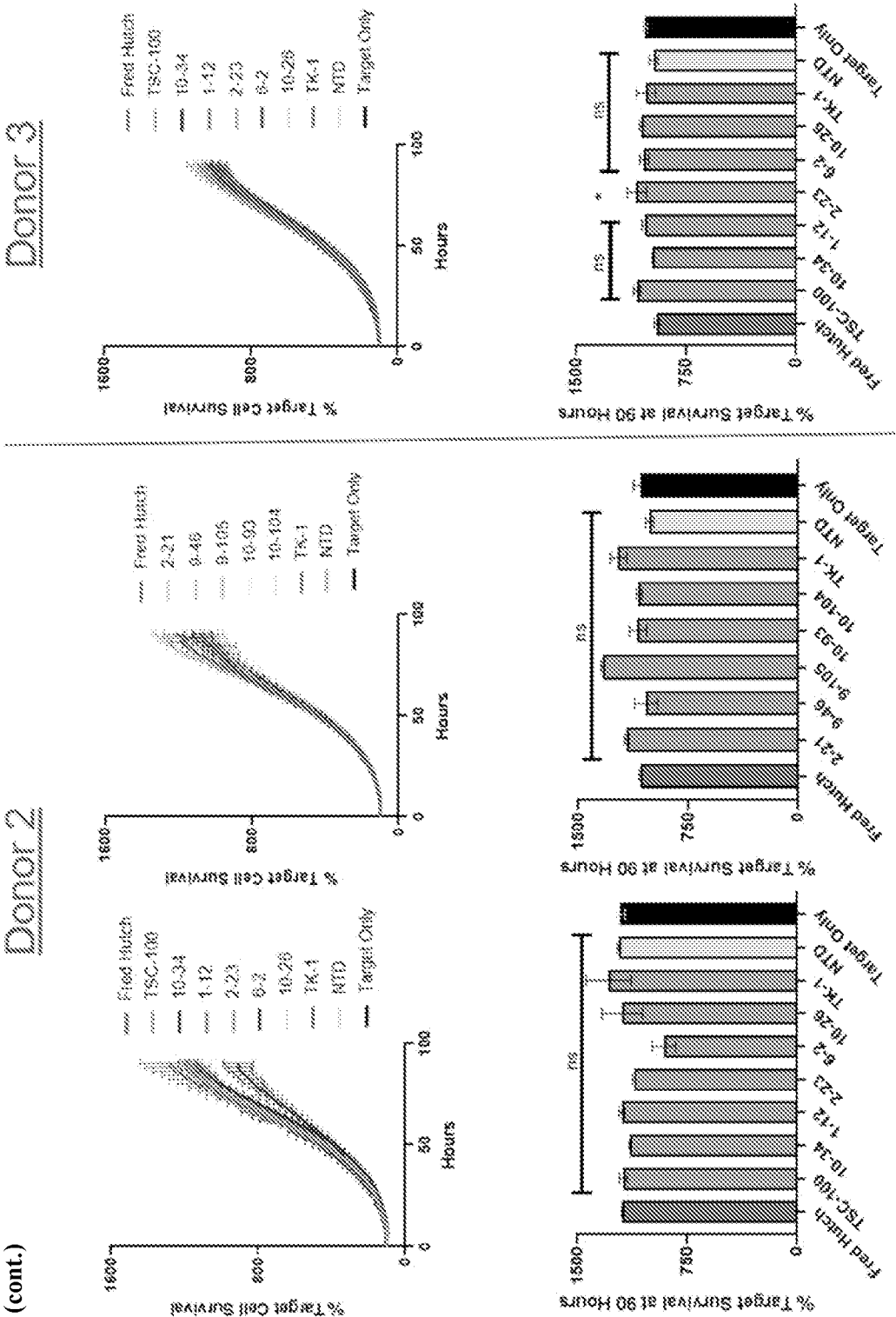


FIG. 7N T cell cytokine production in response to SU-DHL1 (HLA-A*02:01+HA-1⁻) targets

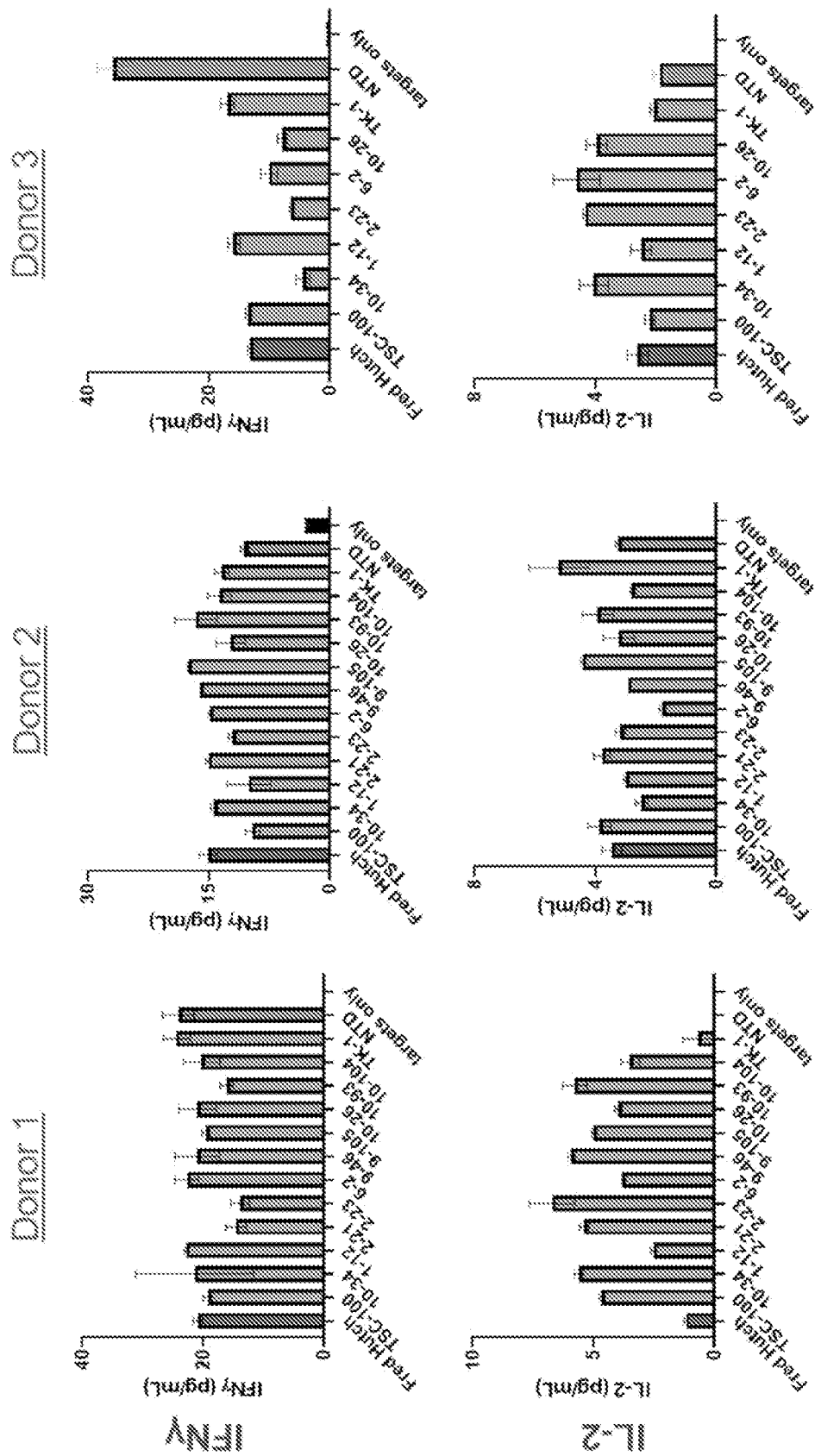


FIG. 7N (cont.)

T cell cytokine production in response to SU-DHL1 (HLA-A*02:01⁻HA-1⁻) targets

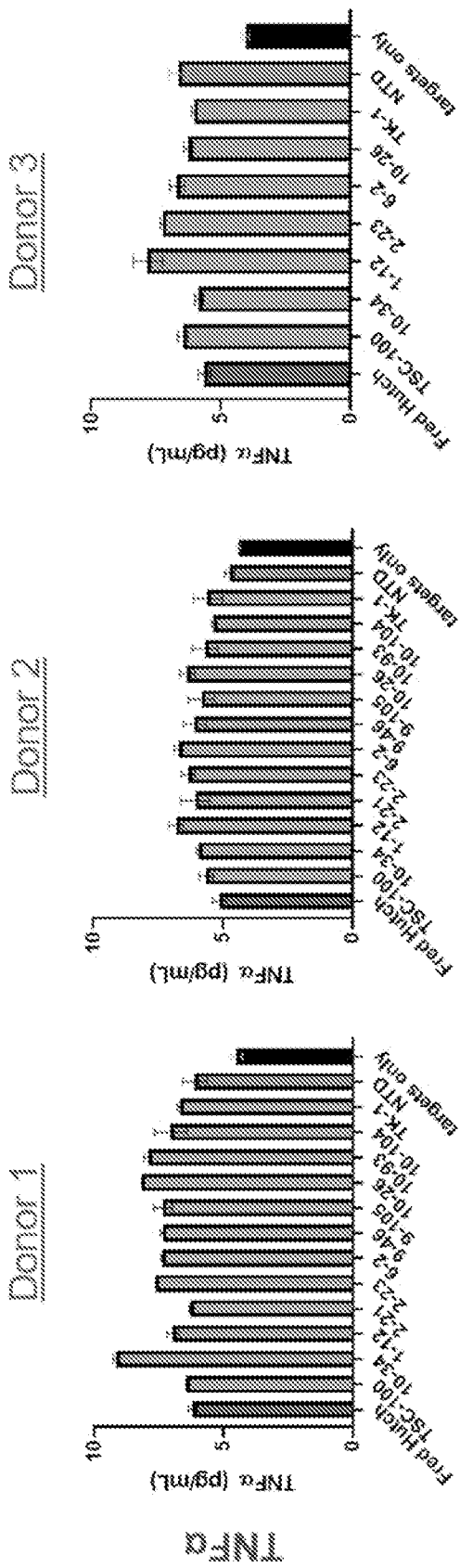


FIG. 70

T cell proliferation in response to SU-DHL1 (HLA-A*02:01⁺HA-1⁻) targets

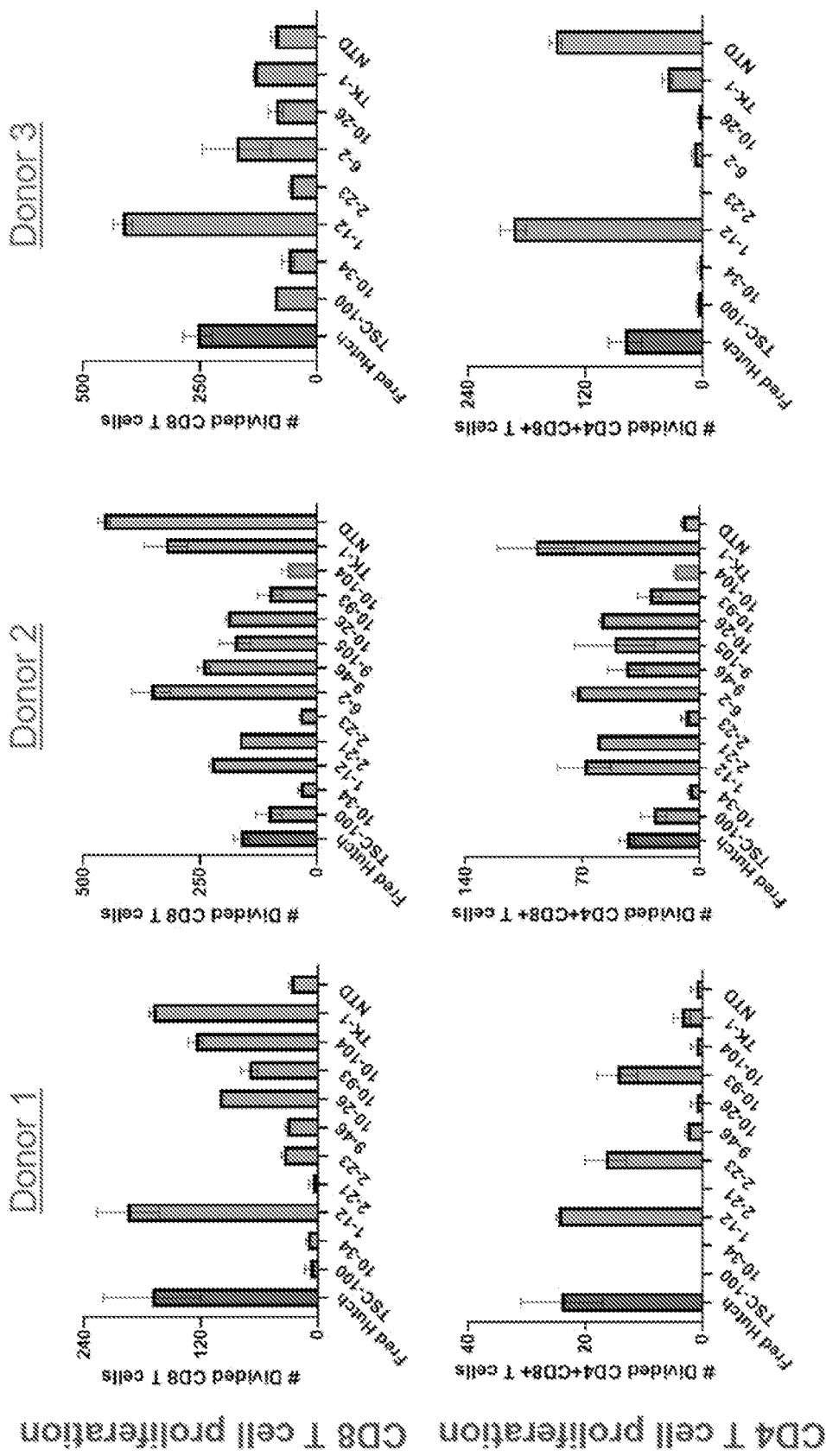


FIG. 7P T cell endogenous cytokine production in the absence of targets

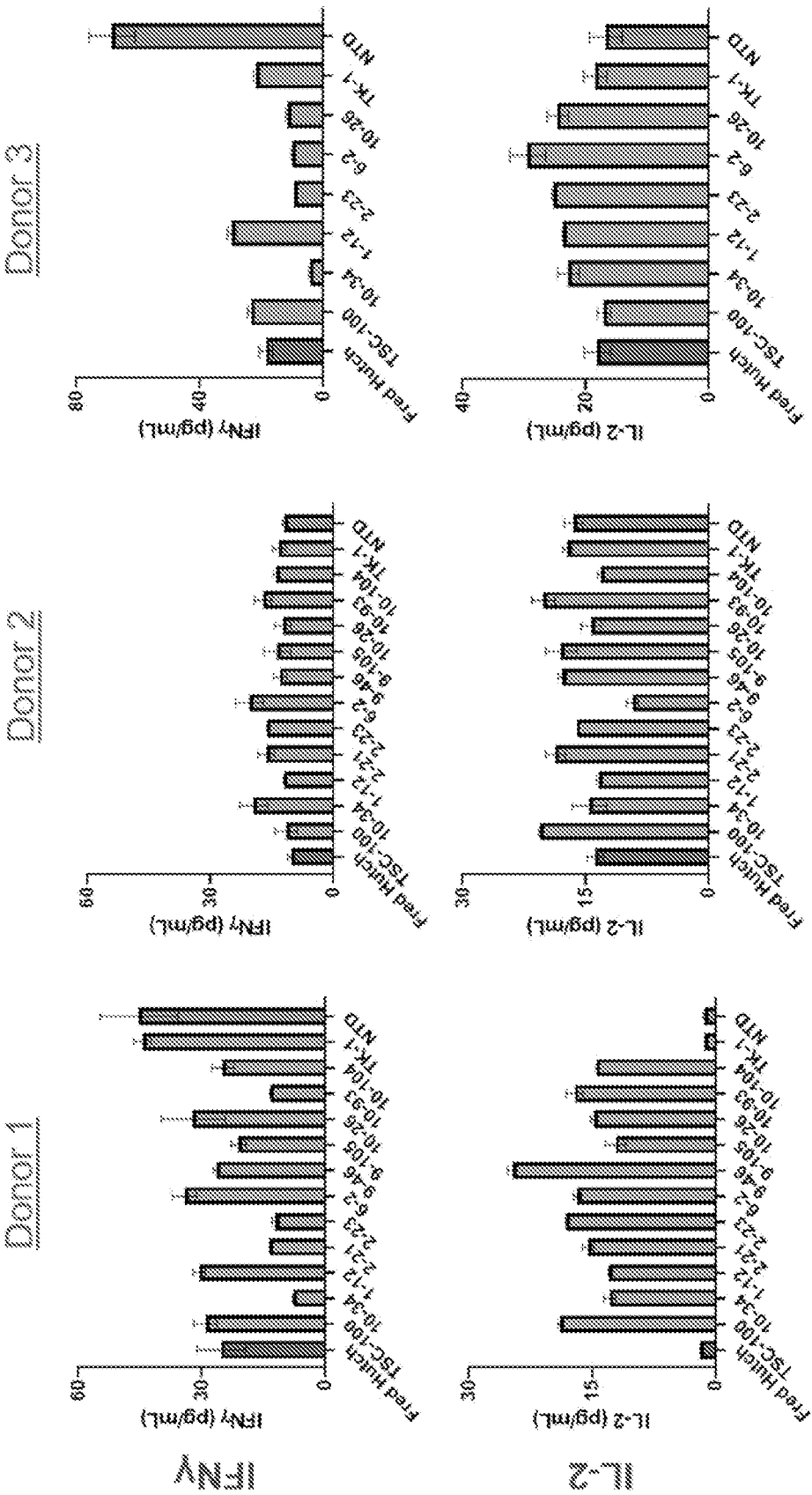
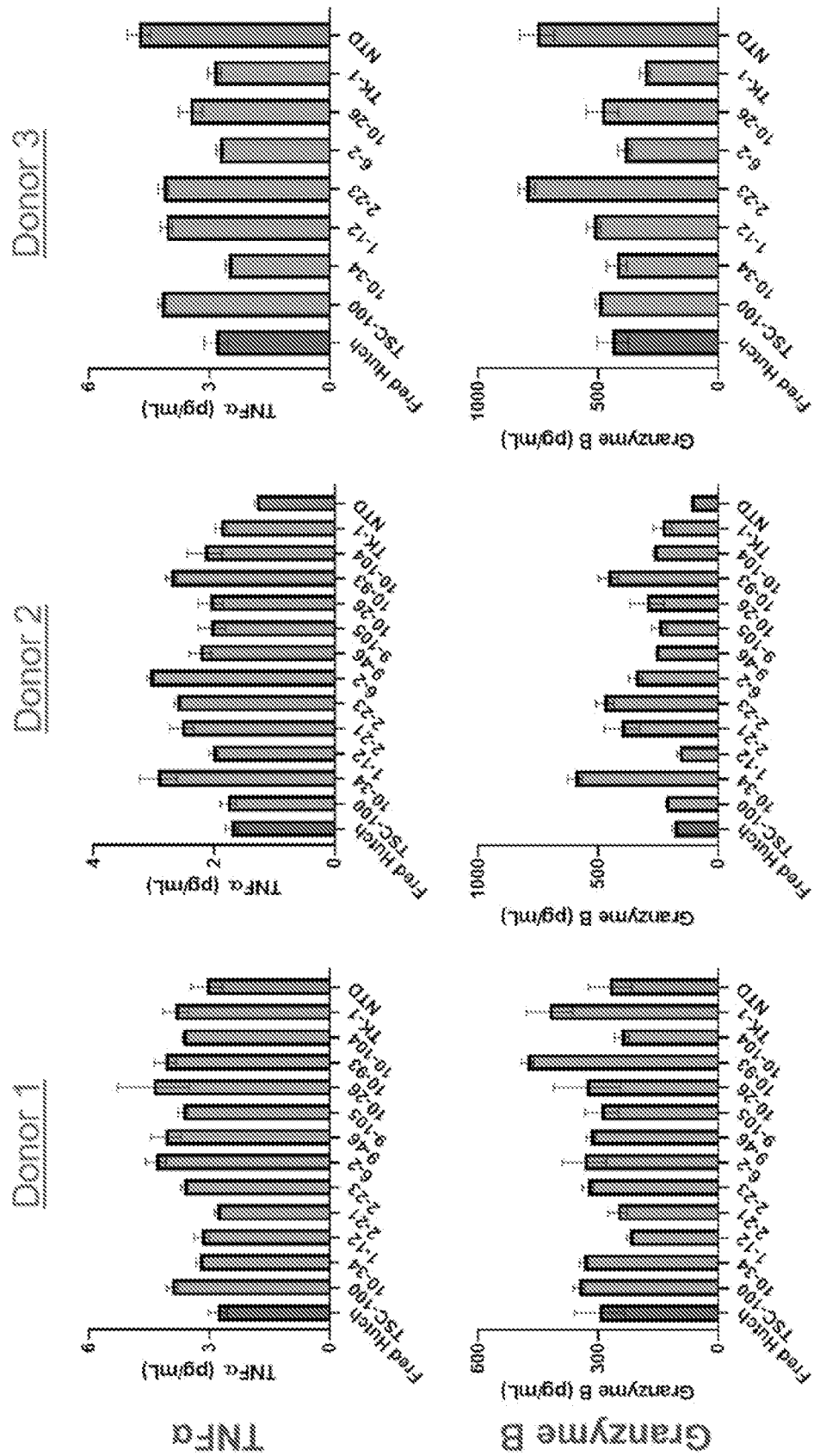


FIG. 7P (cont.) T cell endogenous cytokine production in the absence of targets



T cell endogenous proliferation in the absence of targets

FIG. 7Q

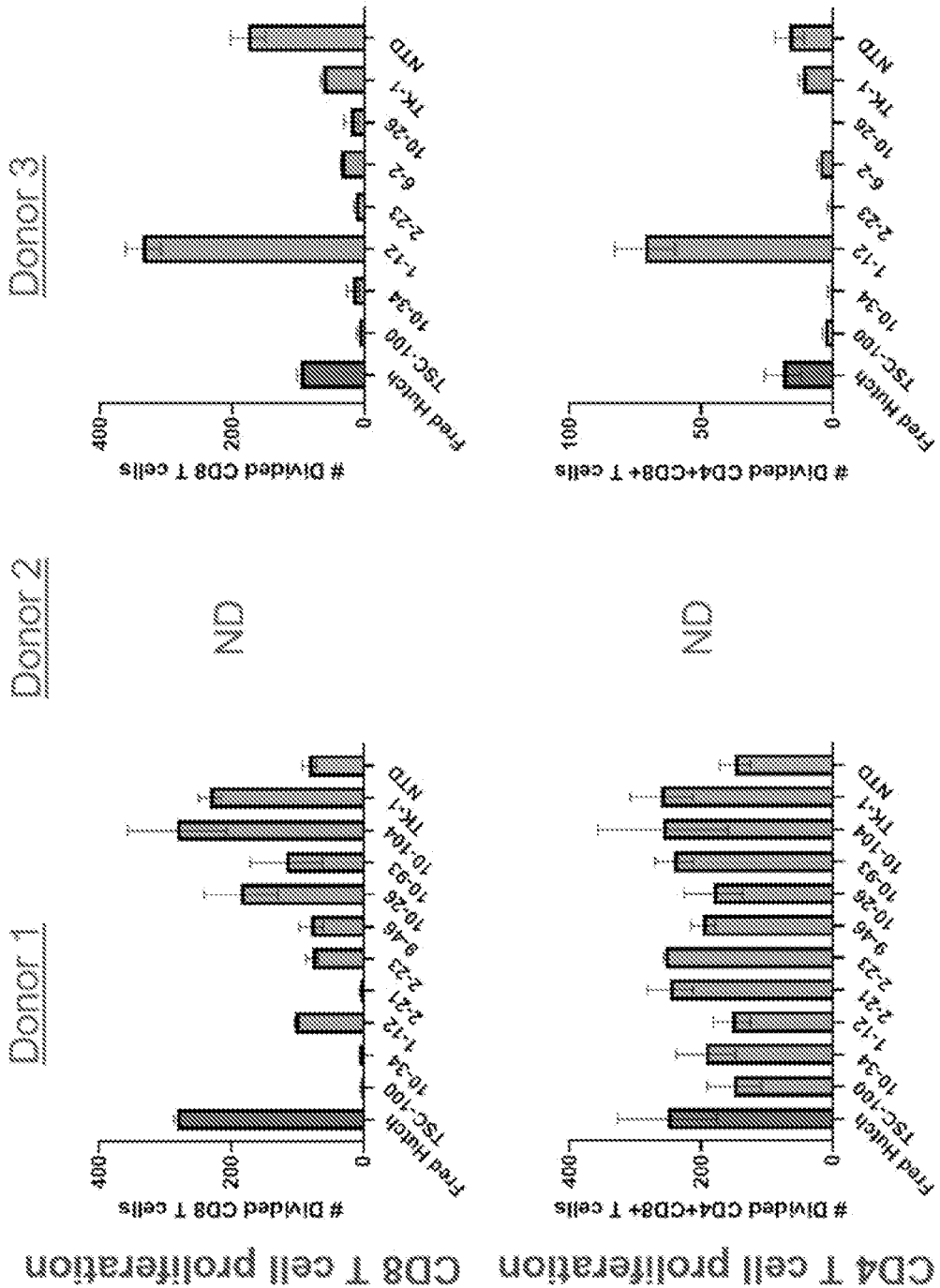


FIG. 8

