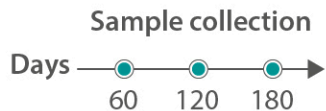
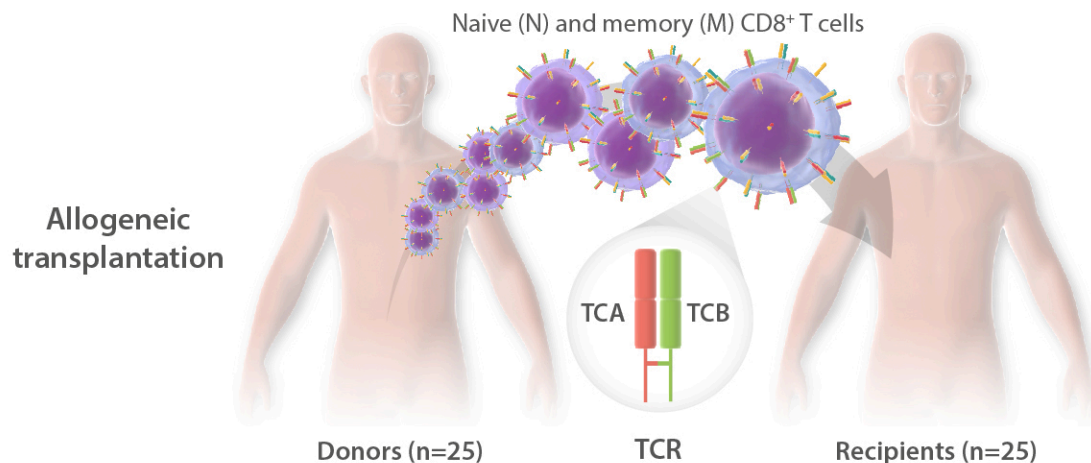


Analysis of T cell receptor alpha repertoire of naive and memory CD8⁺ T cells in patients following allogeneic transplantation



Next generation sequencing



T cell receptor alpha repertoire (TCA) of naive and memory CD8⁺ T cells

TCA read frequencies representing shared clonotypes between recipient and donor repertoires	Day 60	Day 180
Donors' memory repertoires found in the recipients' memory repertoires (M → M)	77.2%	80.0%
Donors' memory repertoires found in the recipients' naive repertoires (M → N)	41.5%	61.0%
Donors' naive repertoires recovered in the recipients' memory repertoires (N → M)	8.9%	10.1%
Donors' naive repertoires recovered in the recipients' naive repertoires (N → N)	6.0%	18.6%

CD8⁺ T cell reconstitution in transplanted patients is influenced by the donor repertoire