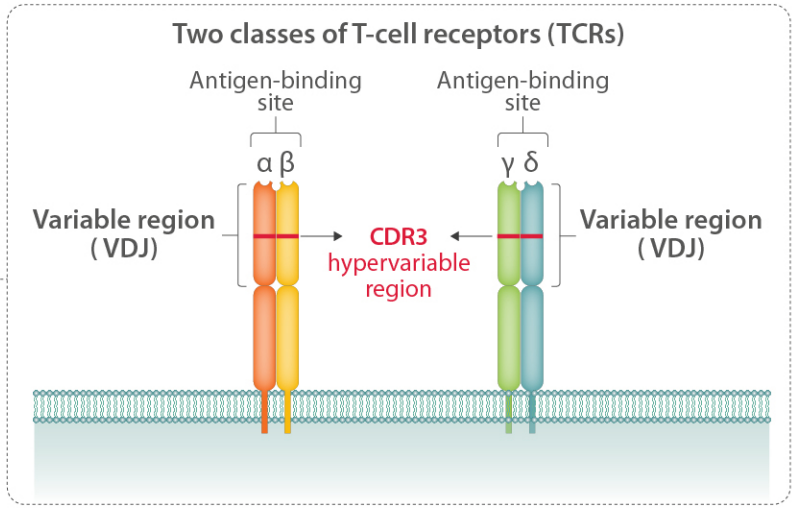
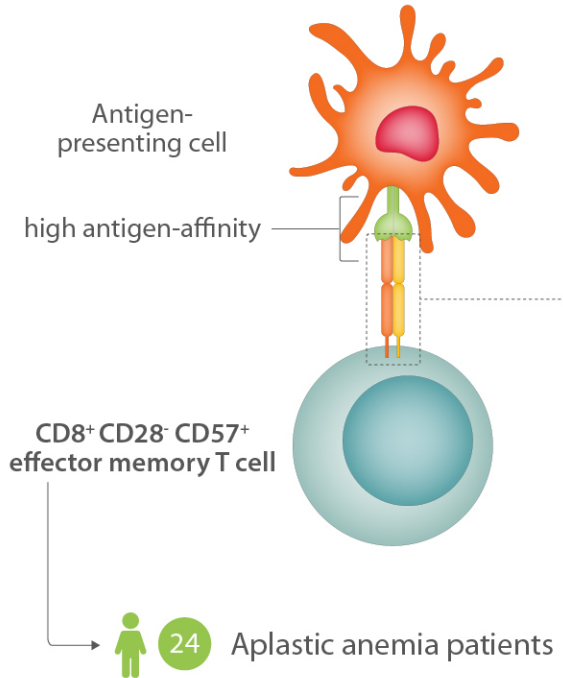


Analysis of the oligoclonal expansion of effector CD28⁺CD57⁺ memory T cells and the TCR V repertoire in aplastic anemia patients by flow cytometry and deep sequencing technologies

Antigen-driven activation



- Deep sequencing technologies of TCR repertoire
- Flow cytometric Vβ usage analysis

- Frequencies of CD8⁺ CD57⁺ cells
- Frequencies of CD8⁺ CD28⁺ cells
- Oligoclonal expansion of CD8⁺ CD57⁺ cells
- Oligoclonal expansion in total CD8⁺ cells

	Aplastic anemia	Healthy	
Frequencies of CD8 ⁺ CD57 ⁺ cells	25.6±17.3%	13.3±12.6%	P=0.003
Frequencies of CD8 ⁺ CD28 ⁺ cells	56.8±25.7%	68.8±19.1%	P=0.046
Oligoclonal expansion of CD8 ⁺ CD57 ⁺ cells	92%		
Oligoclonal expansion in total CD8 ⁺ cells	33%		