

Company

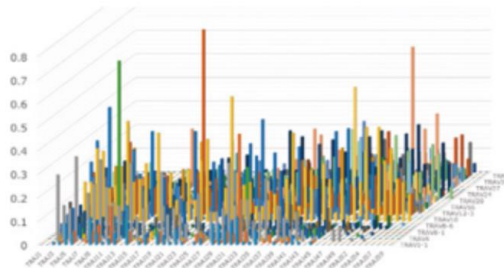
Repertoire Genesis Inc.

Presenter

 Masuo
 Ichikawa


Leading Providers of Immune Profiling

- Immune response plays a key role in the generation and resolution of many diseases
- Mapping the immune response through immune profiling is critical for the development of immunotherapy



REPERTOIRE GENESIS

TCR/BCR repertoire analysis

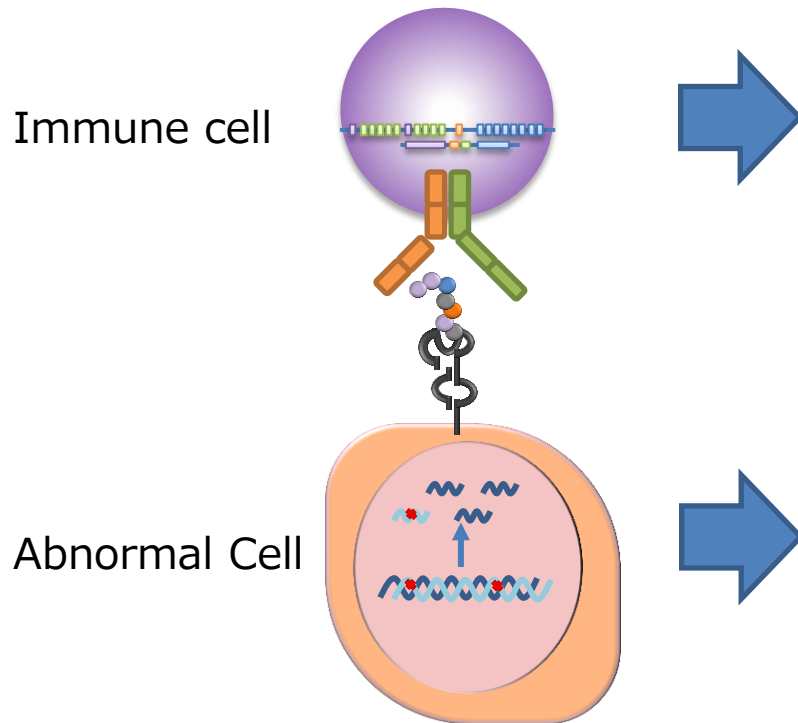
Sequence		IC50		IFN γ
MT	WT	MT	WT	ELISPO
KTFDYSSAL	KTFRYSSAL	0.3	1.0	++
QLLEPAISFL	QLLEPQISFL	1.1	1.4	+
FFYSSALKV	FRYSSALKV	1.4	12.0	+
NLTKLLVF	NLEKLLVF	2.3	38.5	+
VLIINDNEPV	VLDINDNEPV	2.4	1.7	+
KQYSSPALPT	YQYSSPALPT	3.2	3.7	++
NISSAHTV	NISSHHTV	3.9	9.2	+

NEOEPITOPE GENESIS

neoepitope analysis

Immune Profiling & Immunotherapy

$\sim 10^{18}$ diversities



TCR/BCR Repertoire analysis

- Patented
- Focusing on patients' specific immune receptors

Neoepitope analysis

- Patent Pending
- Focusing on patients' specific antigens

$10^6 \sim$ mutations