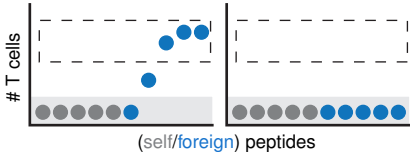


## Complete negative selection:

1. high tolerance and discrimination

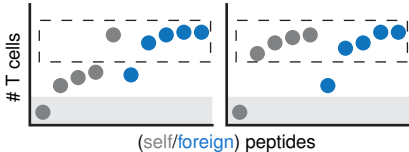
2. high tolerance but no discrimination

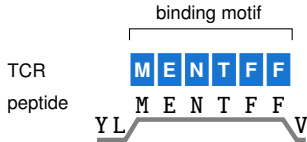


## Incomplete negative selection:

3. low tolerance but high discrimination

4. low tolerance and low discrimination



**A**

**A** E N T F **I**

M E N T F F

affinity = 4

**M** **E** **A** **T** **F** **L**

M E N T F F

affinity = 2

**B**

Peptide AIS:

TCR

peptide



Language AIS:

motif

string

**r** **a** **w** **\_** **t** **h**

r a w \_ t h

Before selection:      After selection:

