

Biols B

- Specificity: No clear definition, No solid
- Cross reaction:
  - Autoimmunity
  - Allograft rejection—memory T cells
  - T cells responding to an EBV peptide pr
  - respond to HLA-B14, B35, or B44
- Alloantigens-induced T cells:
  - >30% reactive to OVA peptide
- Mathematical modeling predicts:
  - A mouse:  $1-2 \times 10^8$  mature T cells,  $\sim 2 \times 10^6$  different
  - Humans:  $3 \times 10^{11}$  T cells,  $2.5-10 \times 10^7$  distinct clon
  - Impossible to cover the entire "antigenic univ



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王功和  
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