

**(A)**

Stochastic  
generator

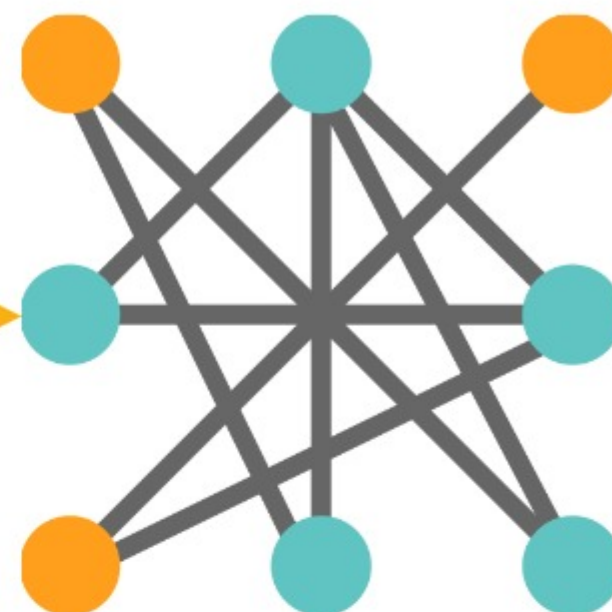


**Designs**

PEISADLH  
PQLRRPFE  
TQVLLTE

**(B)**

ESMFold



**Reference**

AQVRLPFH

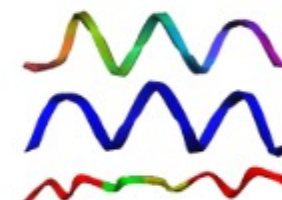
3D structure



**Designs**

PEISADLH  
PQLRRPFE  
TQVLLTE

3D structure



**Sorted by  
Fitness**

2. ~~PEISADLH~~  
1. PQLRRPFE  
3. ~~TQVLLTE~~

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2. PEISADLH  
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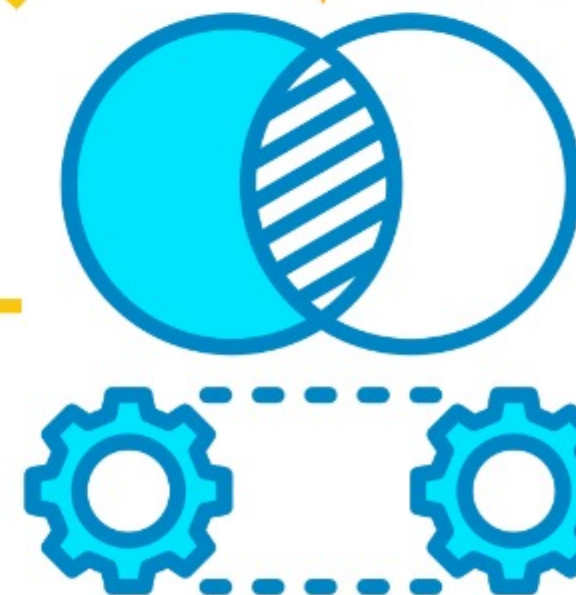
**Selection**

22. IRDLLAQT



**Best  
sequences**

**(D)**



**Objective  
function**

**(C)**