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Tools	Usability Performance Evaluation				
	Computational Time	Computational Memory	Installation Dependencies	Code Quality	Total
One-hot encoding embedding					
DeepRC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
K-mer feature-based embedding					
SETE	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
BLOSUM-based embedding					
ISMaRT	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TITAN	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
GIANA	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
ATM-TCR	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TCRGP	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
NetTCR2.0	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Physicochemical property-based embedding					
clusTCR	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Lau et al.	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
ImRex	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Deep learning-based embedding					
Word2Vec	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
ERGO-II	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
pMTnet	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
DeepTCR	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
ESM	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
catELMo	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TCRanno	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TCRpeg	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

Tools	Antigen-specific TCR Clustering Experiment																										
	Overall	Purity						Purity>0.9						NMI						ARI							
		K-means	Hierarchical	Spectral	Mean Shift	Affinity Propagation	Overall	K-means	Hierarchical	Spectral	Mean Shift	Affinity Propagation	Overall	K-means	Hierarchical	Spectral	Mean Shift	Affinity Propagation	Overall	K-means	Hierarchical	Spectral	Mean Shift	Affinity Propagation	Overall		
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