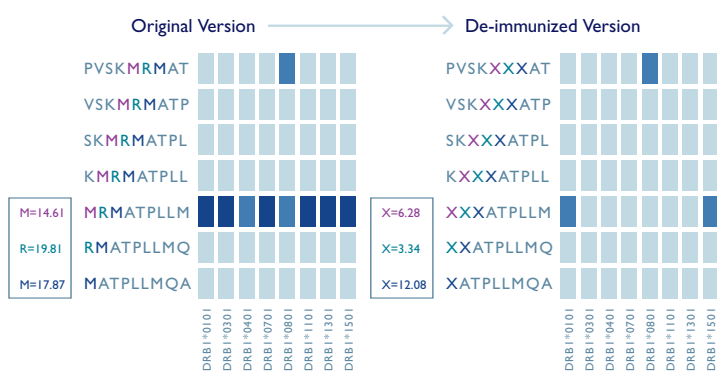


# PreDeFT™

## Preclinical Screening for Immunogenicity



### De-immunization of a Promiscuous Epitope by Changing Key Amino Acids



Darker shades of blue indicate higher binding affinity.  
 Scores for selected amino acids indicate suitability for modification.  
 X masks identity of substitute residues.

### Will Your Protein Initiate an Immune System Response?

EpiVax can supply your R&D team with a concise report describing the potential immunogenicity of your product. The PreDeFT analysis identifies specific regions and specific amino acids that have the potential to trigger an immune response.

### Preclinical Screening for Immunogenicity

EpiVax has the tools and expertise to rapidly and reliably assess your protein therapeutic for the potential of creating an unwanted immune response. Identifying and eliminating immunogenicity early is the high-value strategy for protein therapeutics.

### Support IND Filings

Unintended immune responses are a primary concern of the FDA in reviewing submissions for biologic INDs. The EpiVax immunogenicity analysis can be used to support your IND filing, increasing the likelihood of favorable review, and accelerating your pipeline.

### Leverage Your R&D Portfolio

Discovery of neutralizing antibodies is never good news, but it no longer needs to be the downfall of a promising therapeutic. Using our proprietary tools, EpiVax identifies the precise sequences within your therapeutic that are eliciting the immune response and in collaboration with your design team we can assess the possibility of redesigning the sequences to elicit a lower immune response while still retaining the therapeutic's functionality. The reformulated biologic can then be swiftly reintroduced into clinical trials.

### Contact EpiVax Today for More Information

EpiVax understands the scientific, financial, and regulatory challenges faced by today's pharmaceutical industry because we are in the same business. We have built our reputation by delivering accurate information within tight timeframes to today's industry leaders.

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