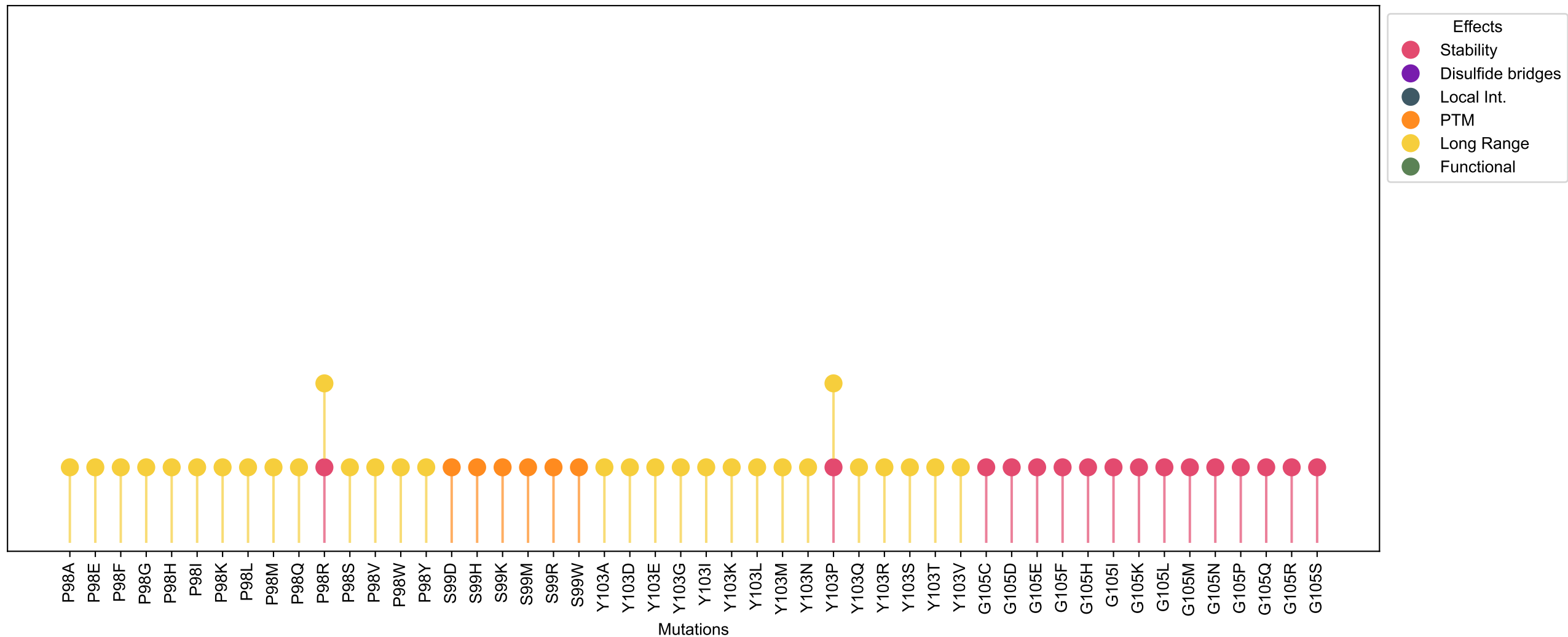
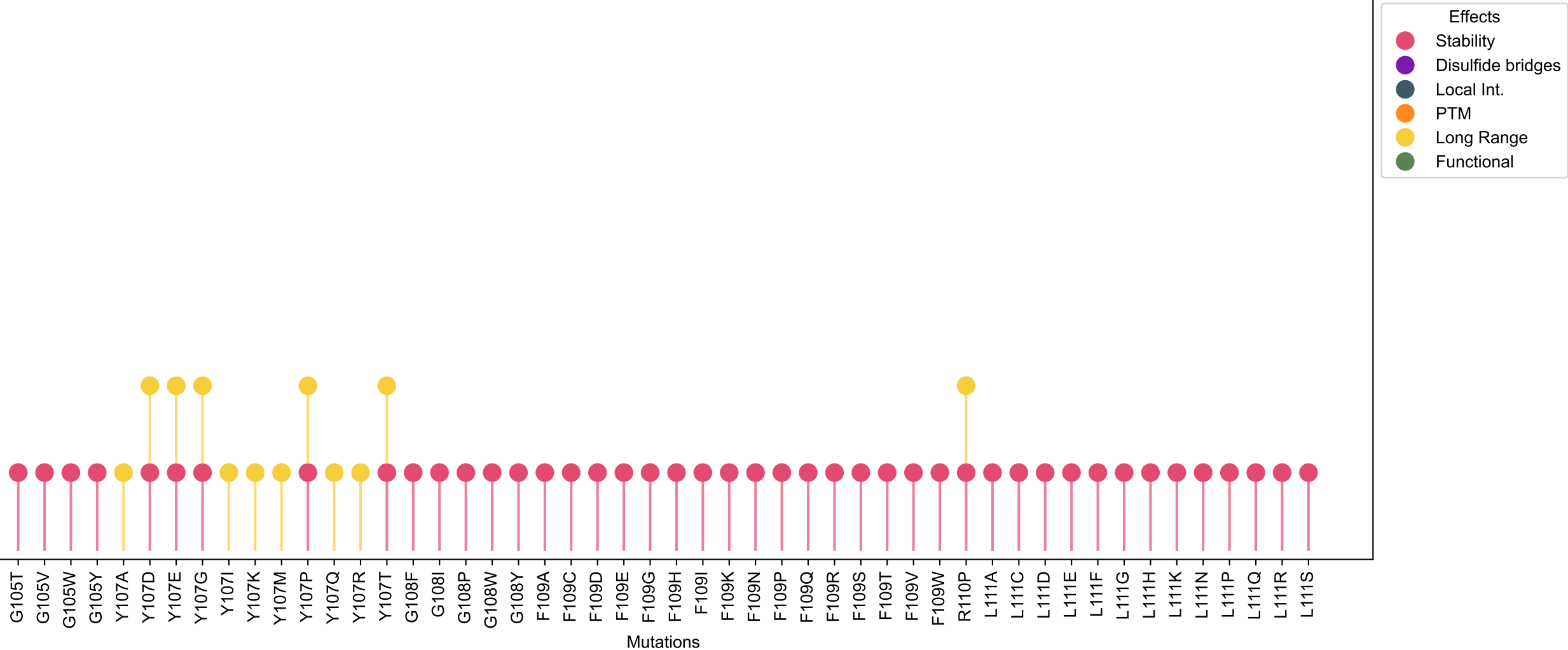


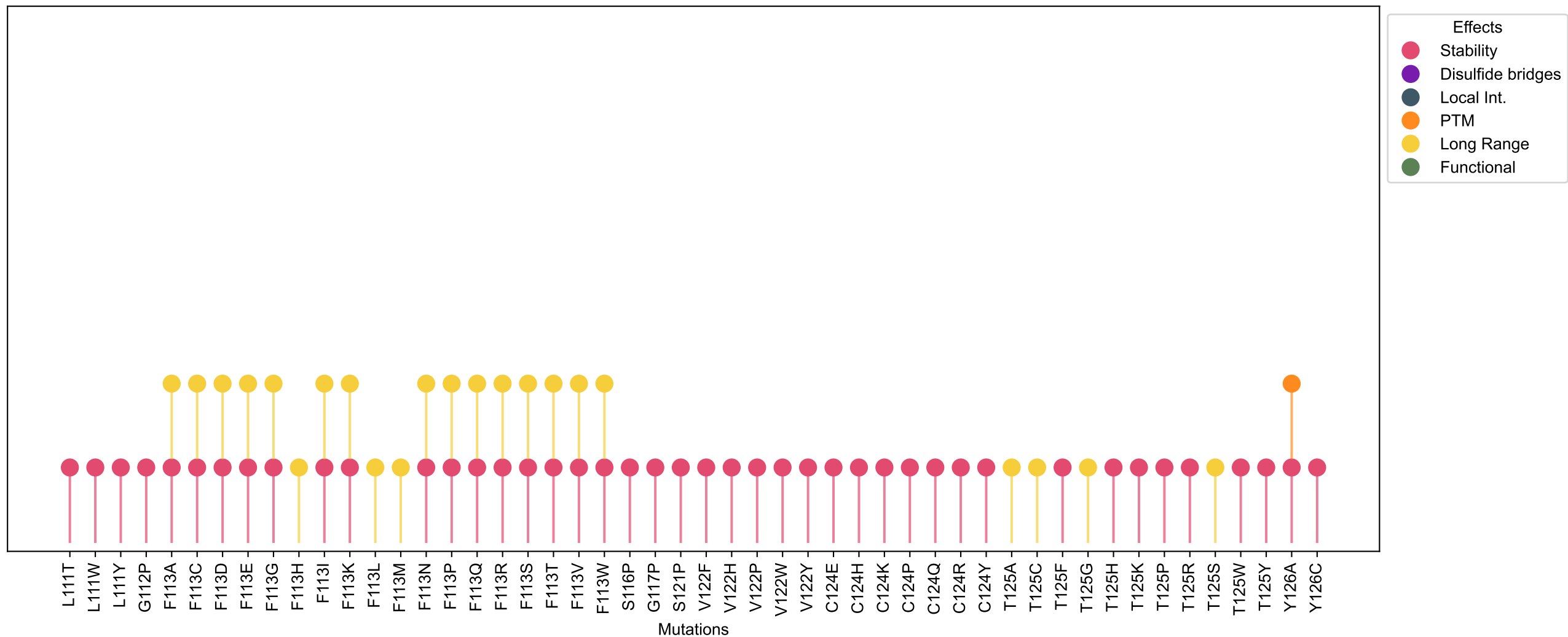
Identified Mutational Effects



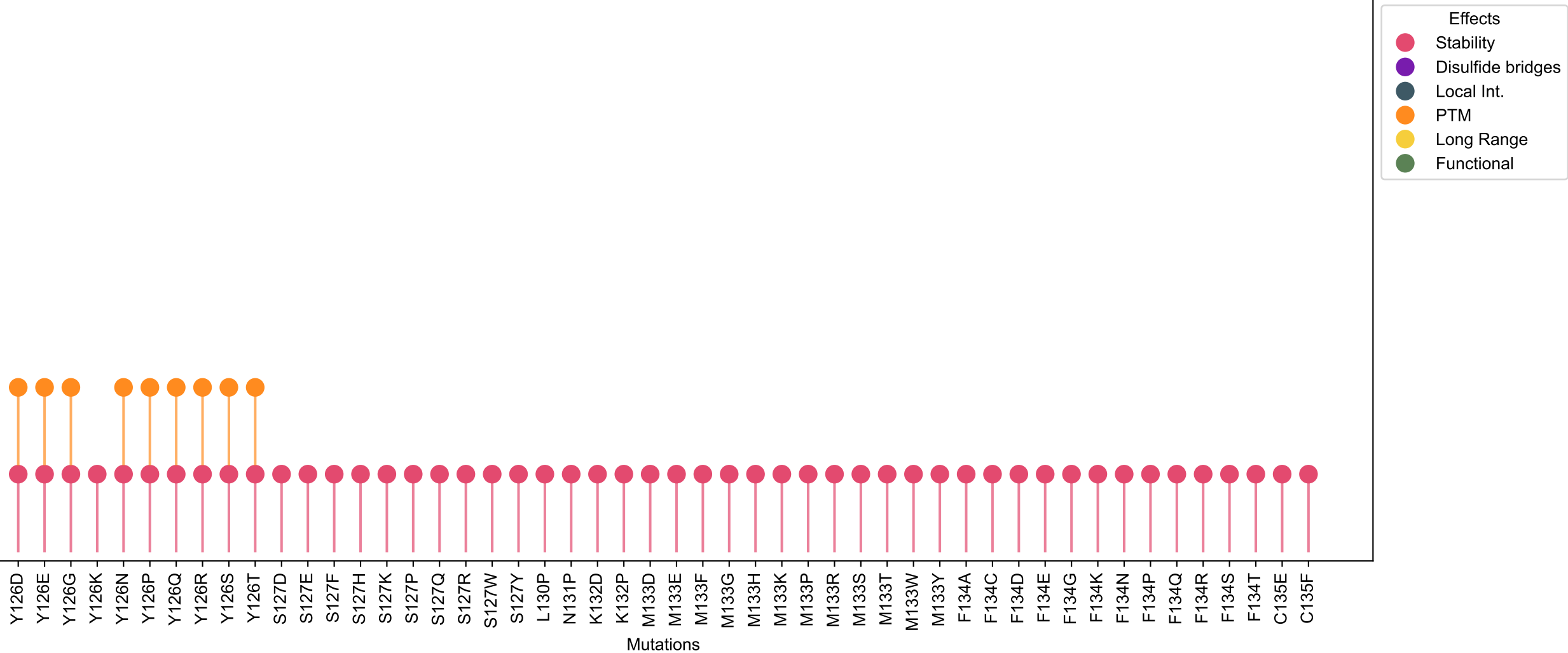
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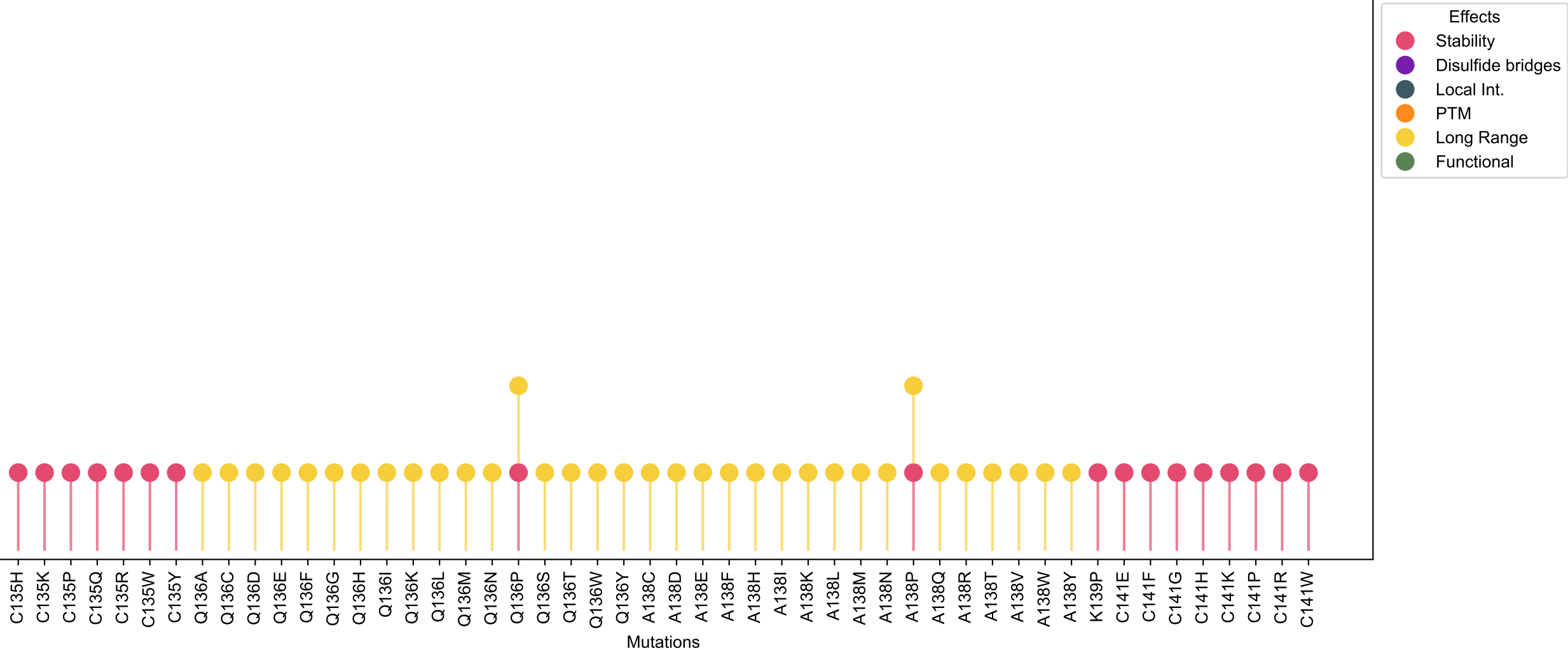
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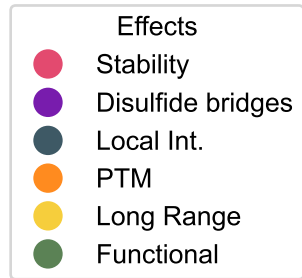
Identified Mutational Effects



Identified Mutational Effects



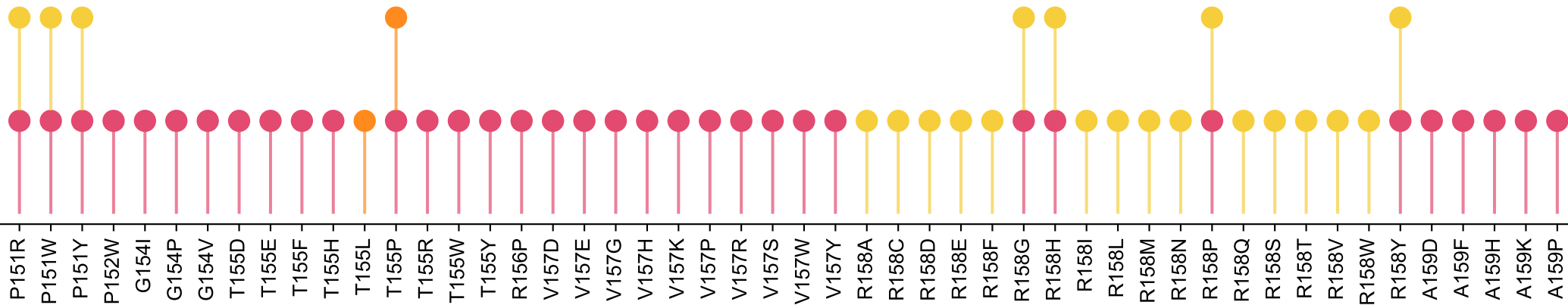
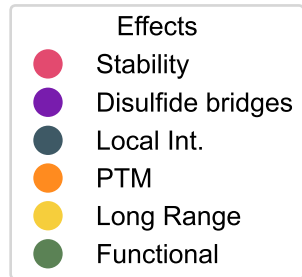
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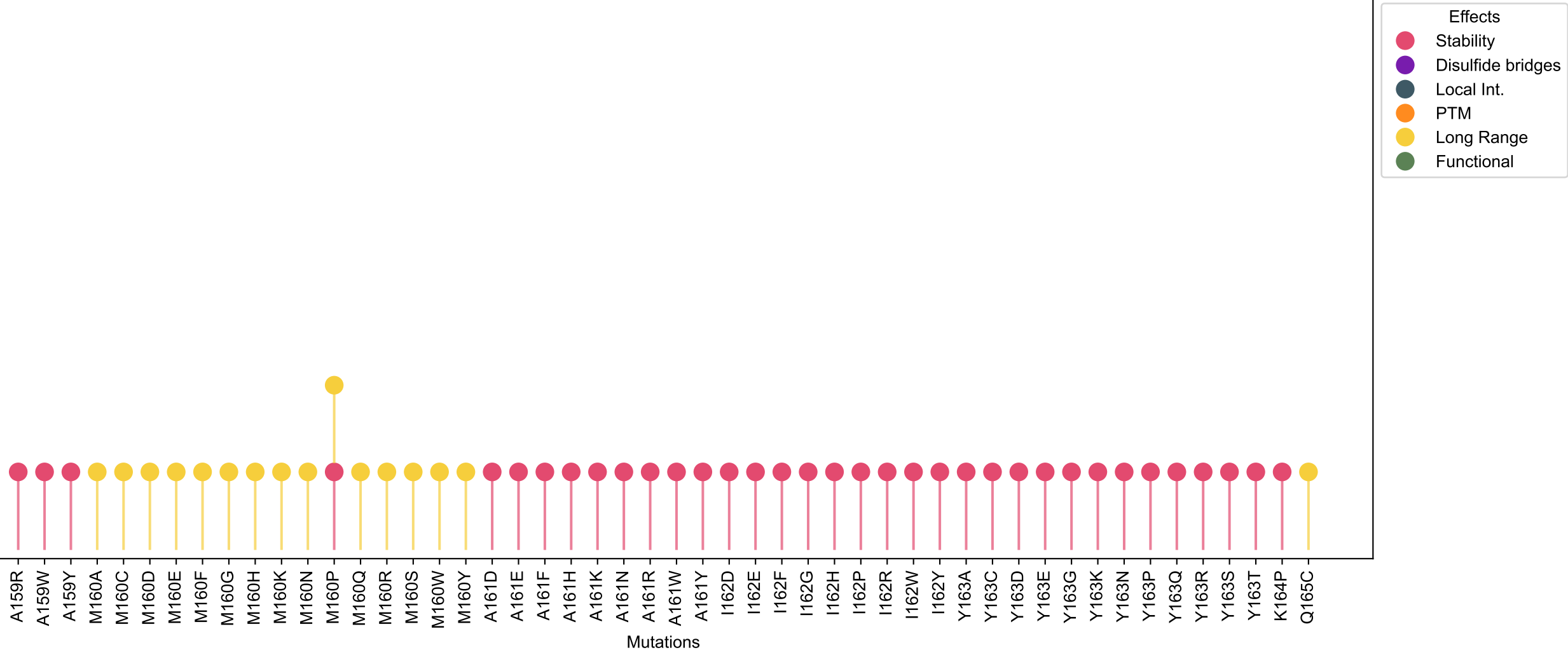
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V143W  
V143Y  
Q144P  
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L145C  
L145D  
L145E  
L145G  
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V147G  
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V147P  
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V147W  
V147Y  
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Mutations

Identified Mutational Effects

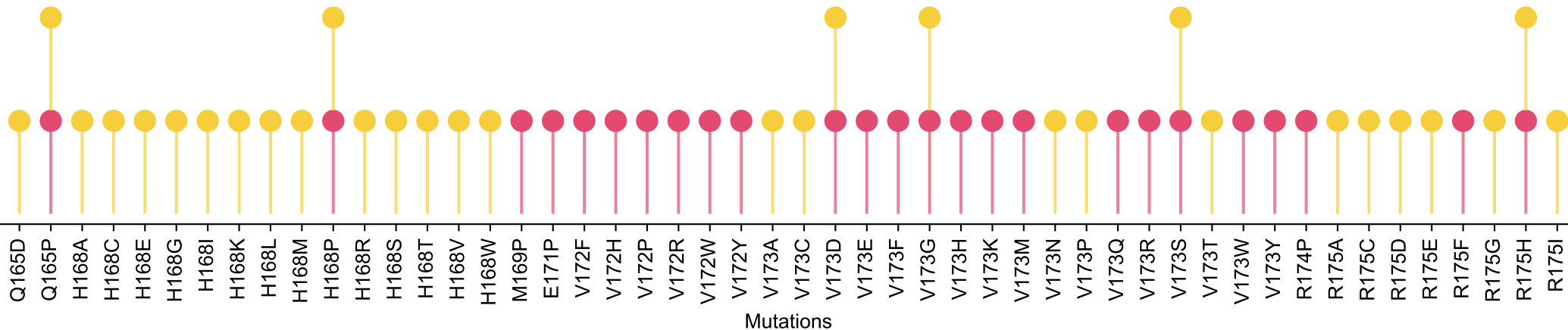
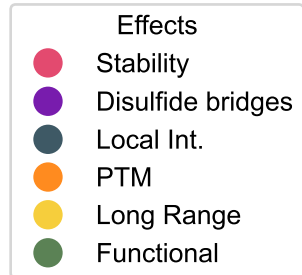


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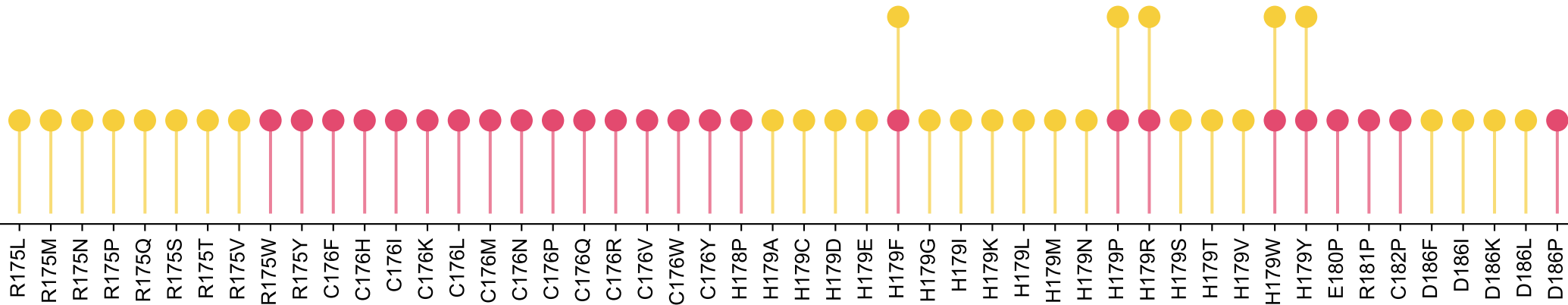
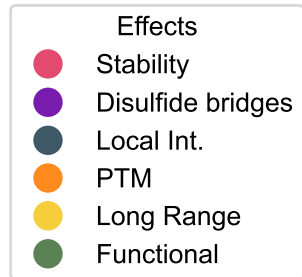




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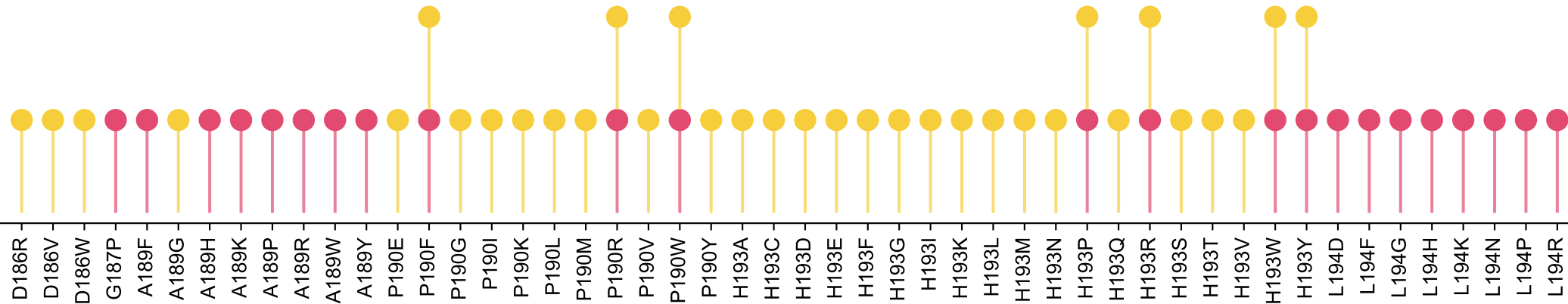
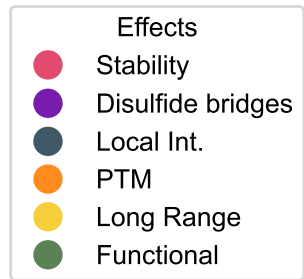


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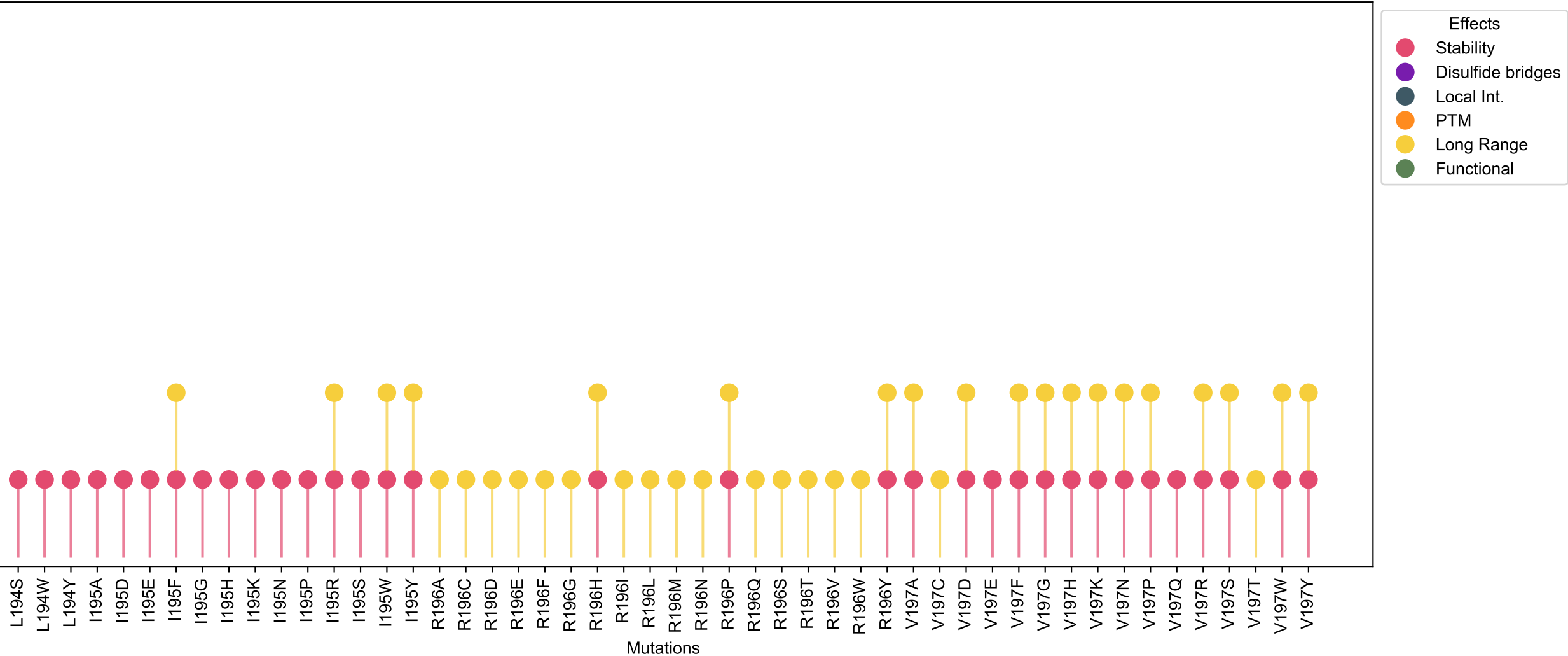
Mutations

Identified Mutational Effects

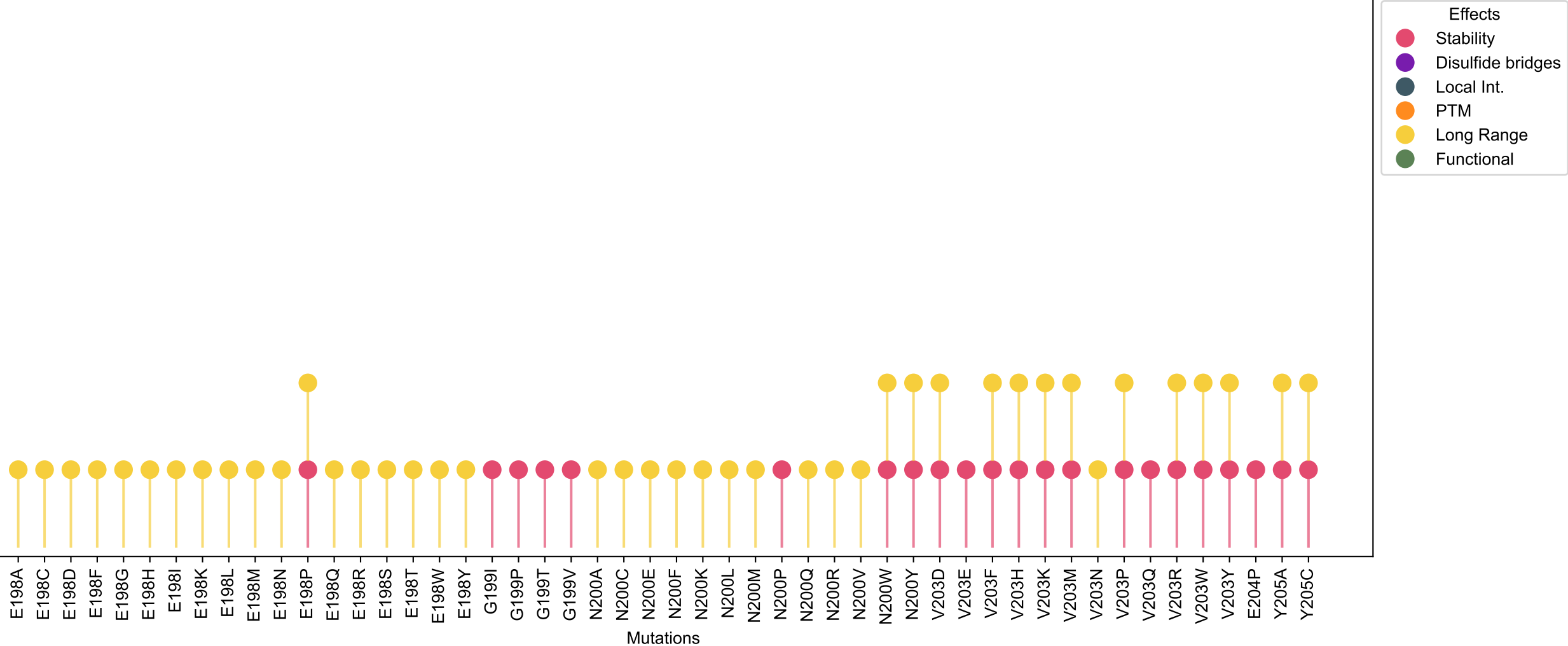


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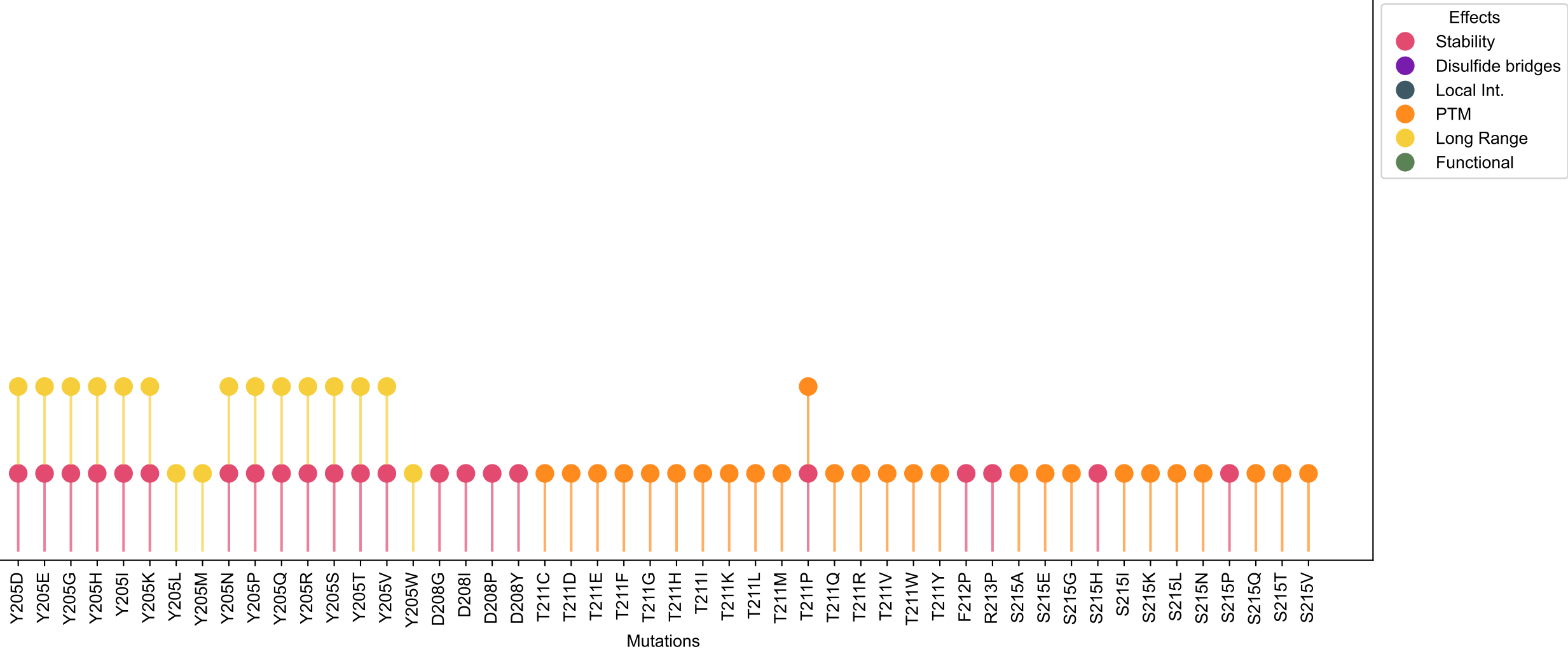
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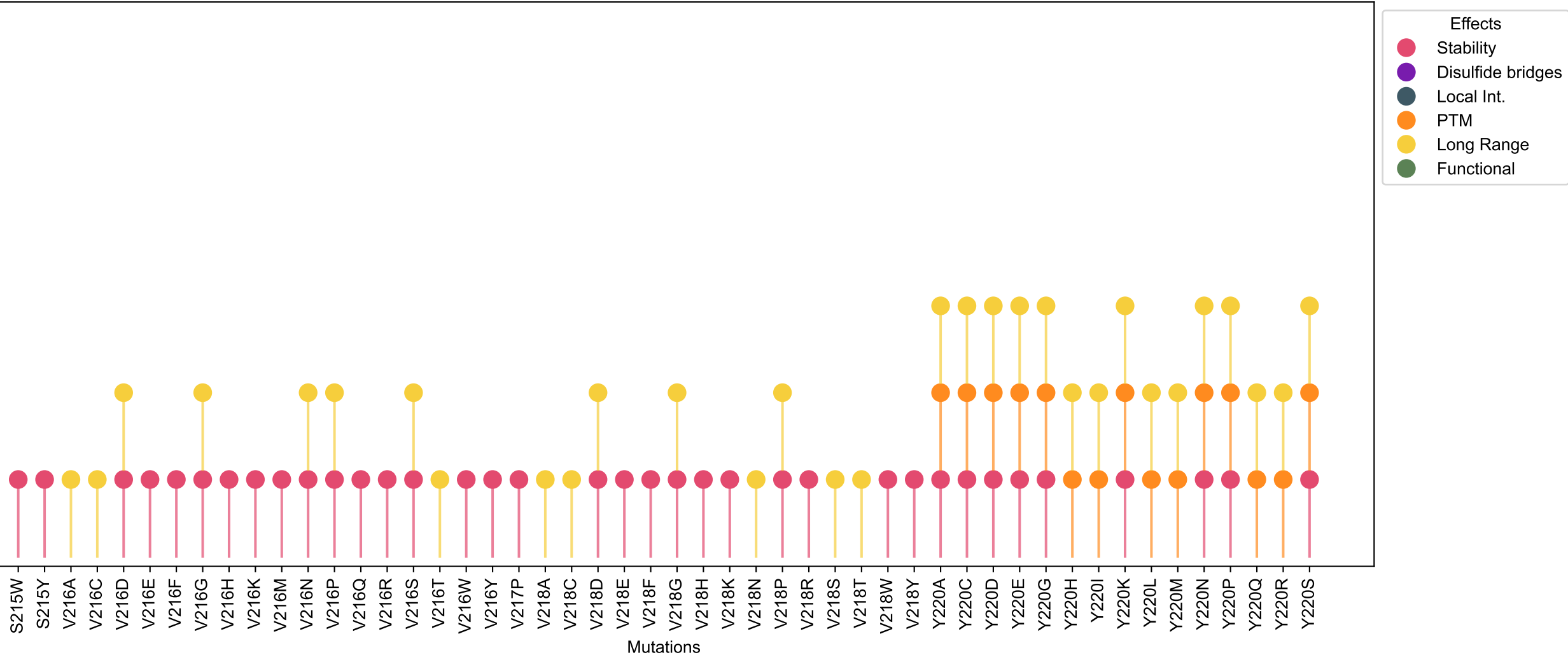
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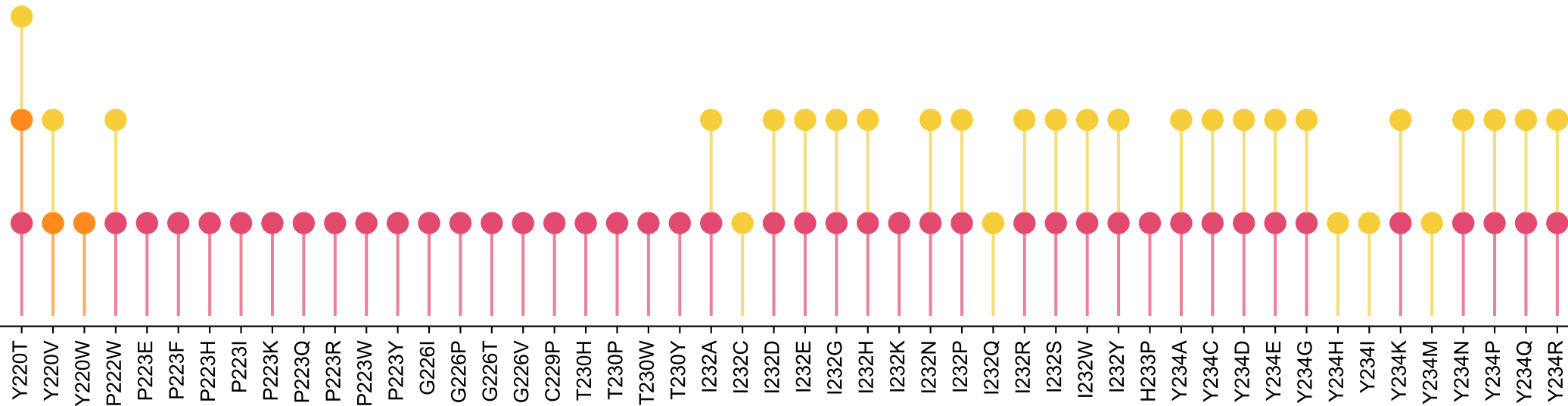
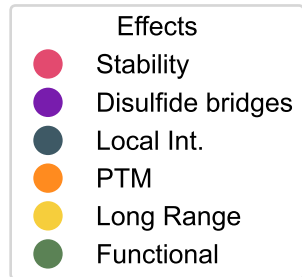
## Identified Mutational Effects



Identified Mutational Effects



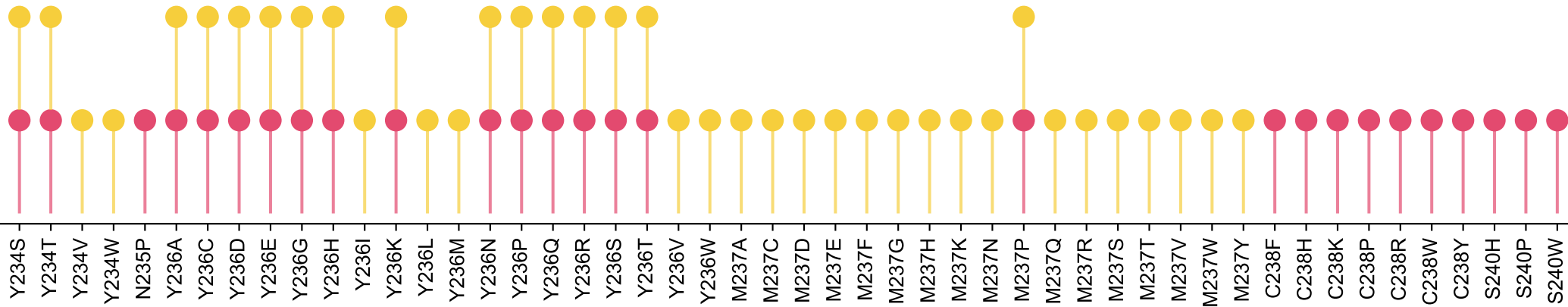
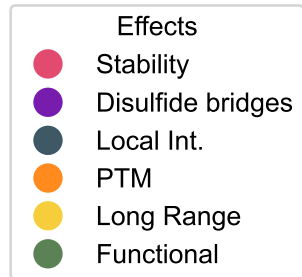
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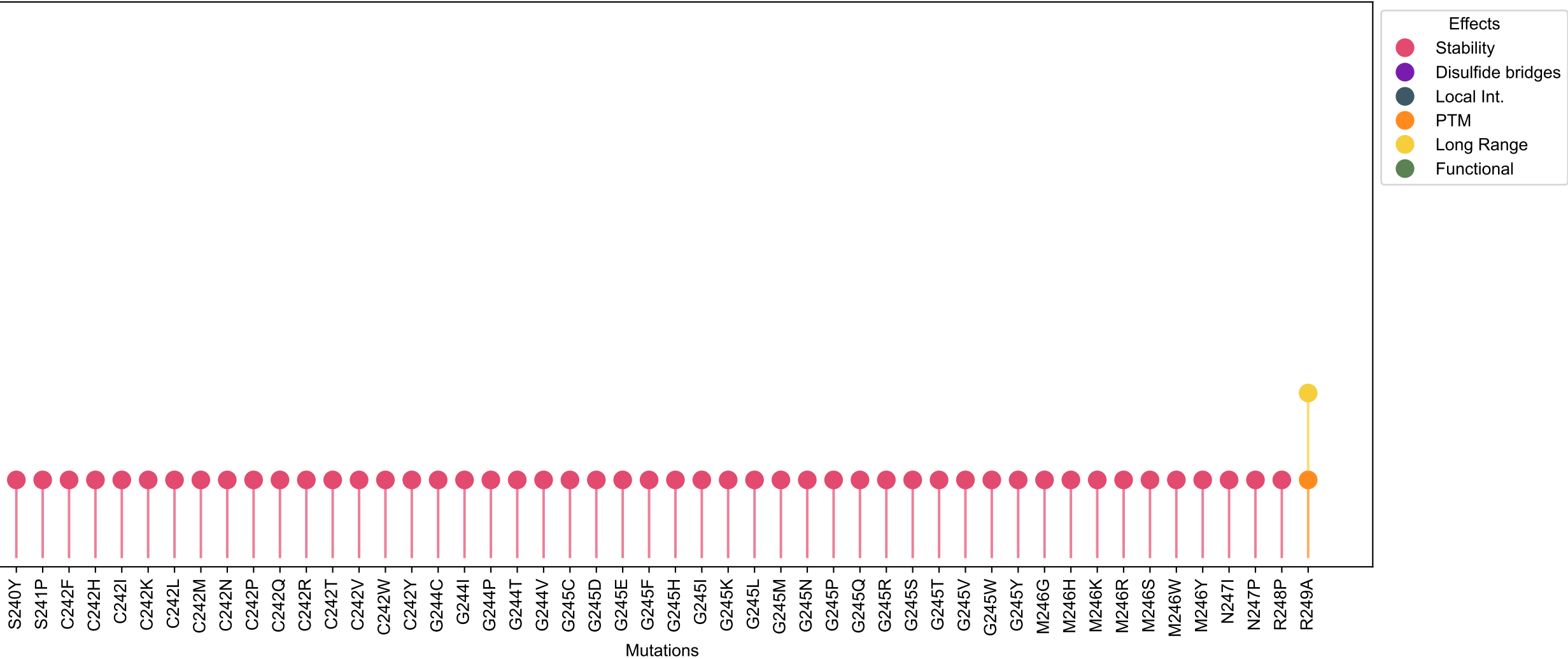
Mutations



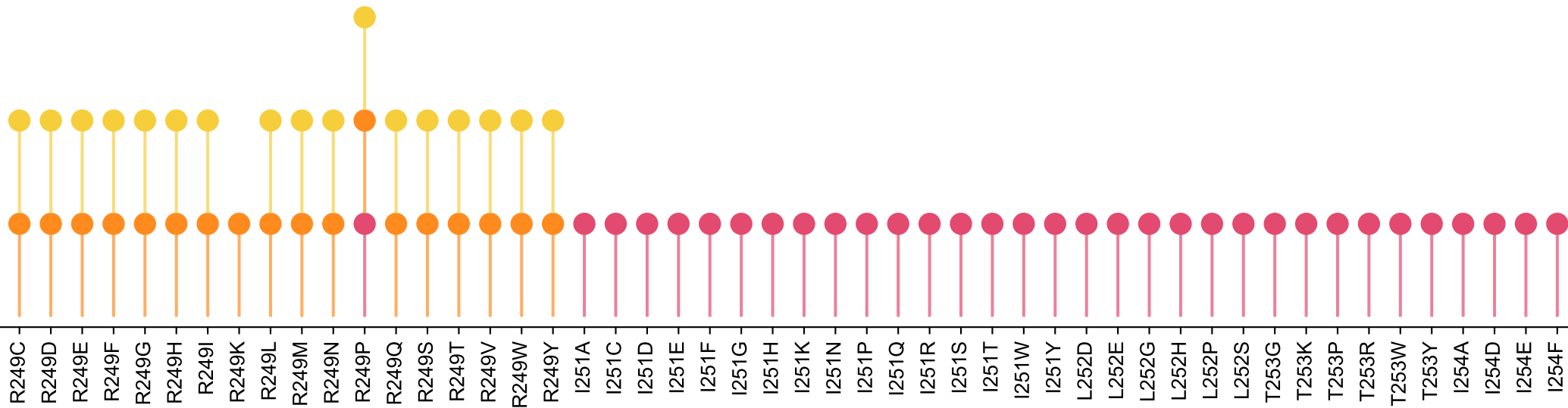
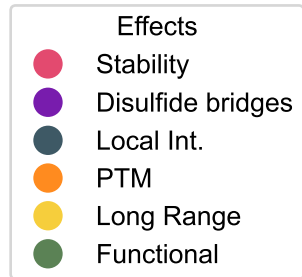
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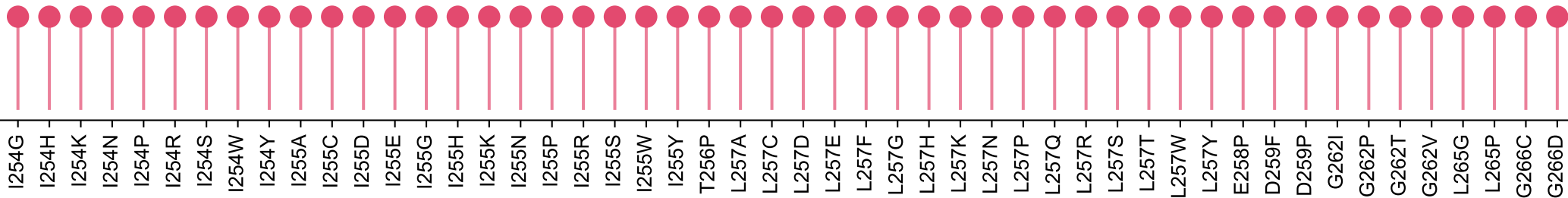
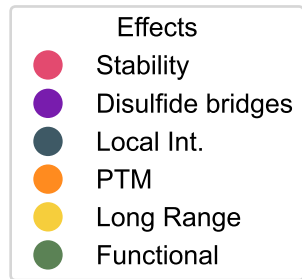
Identified Mutational Effects



Identified Mutational Effects

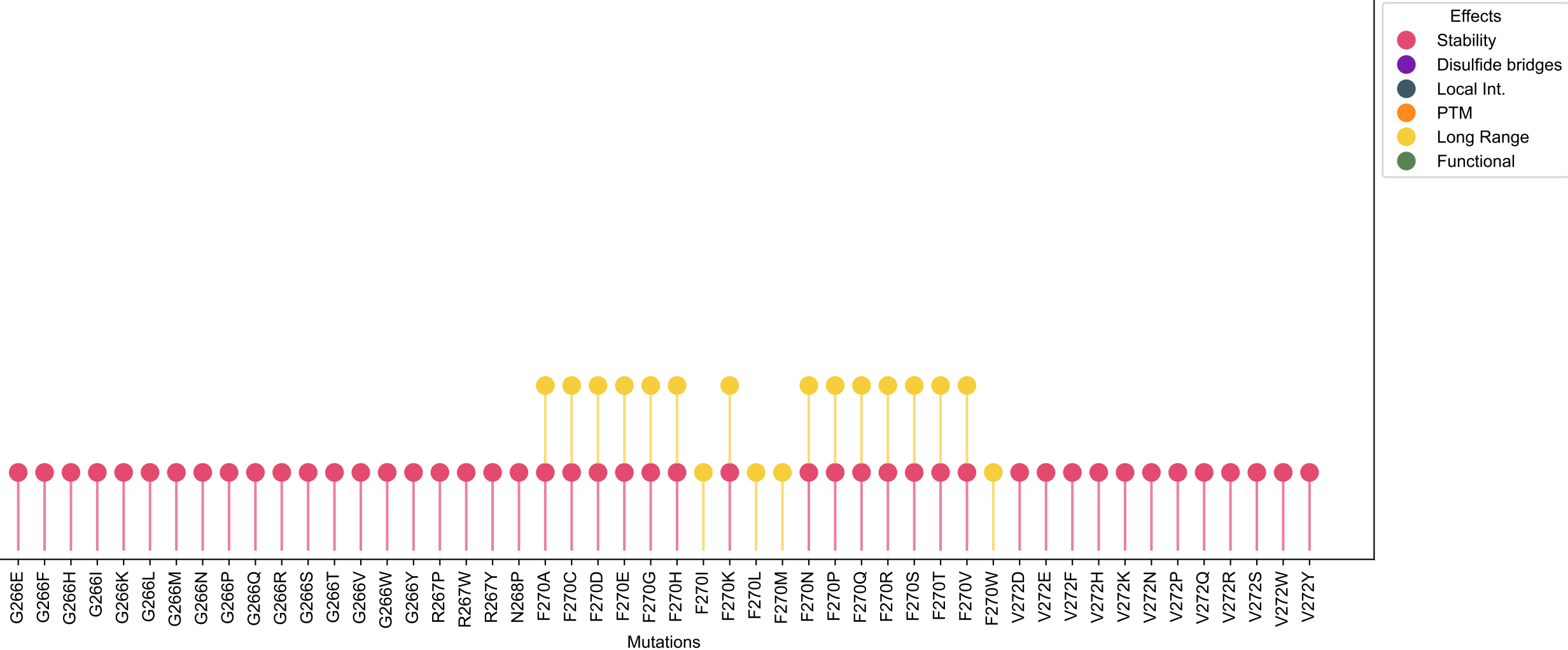


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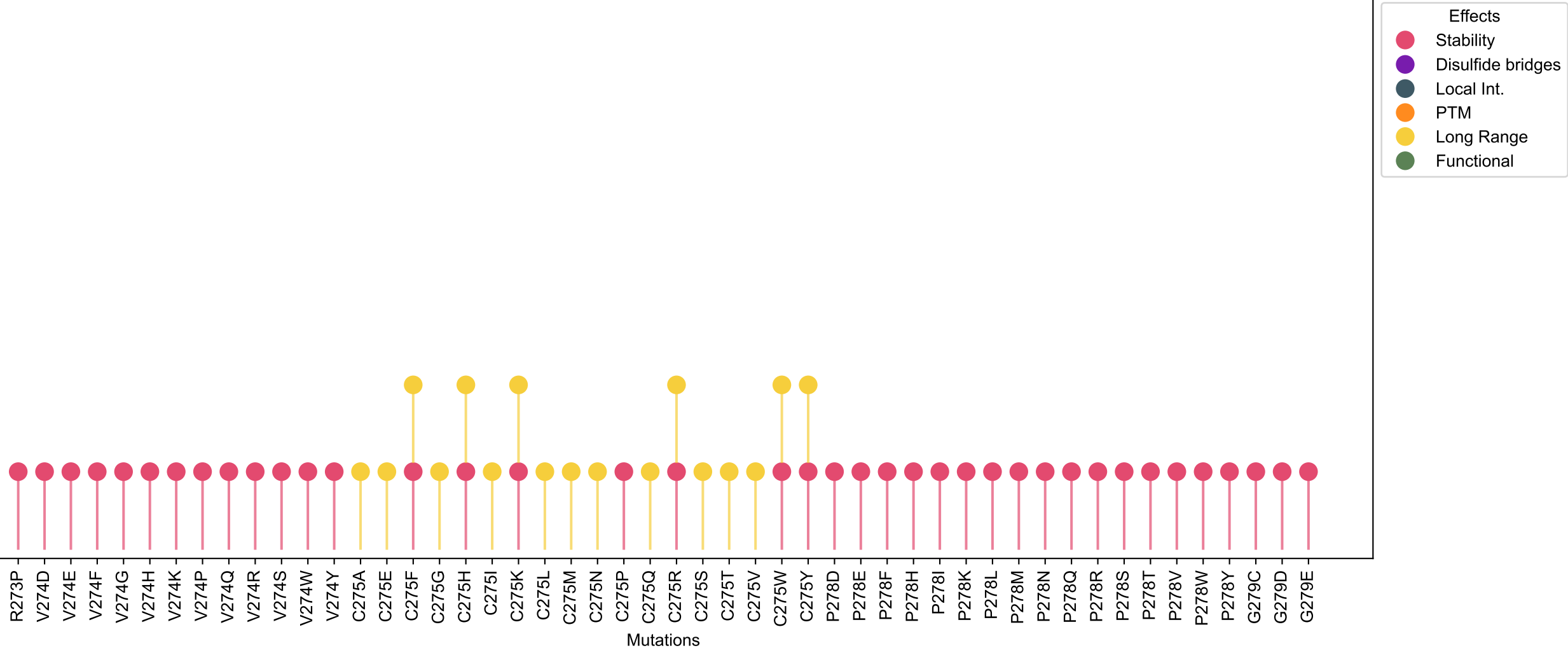


Mutations

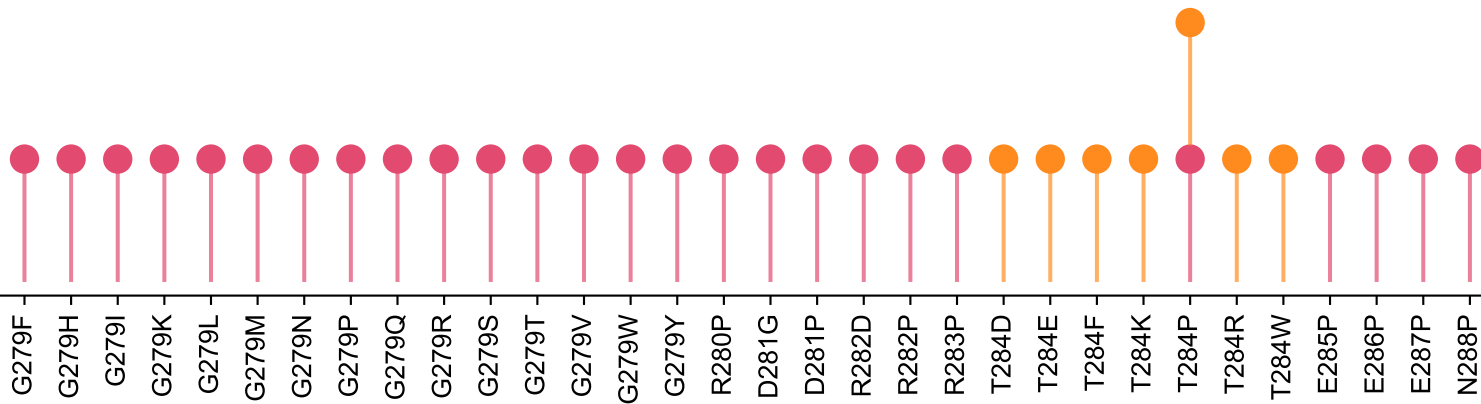
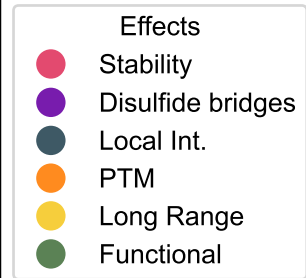
Identified Mutational Effects



Identified Mutational Effects



# Identified Mutational Effects



Mutations