



Supplemental Materials

for

Build-a-Polypeptide: A Hands-On Worksheet to Enhance Student Learning in an Introductory Biology Course

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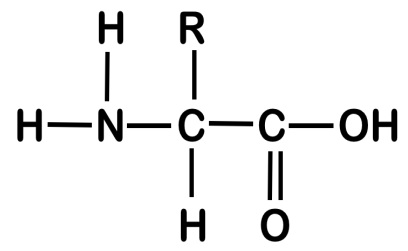
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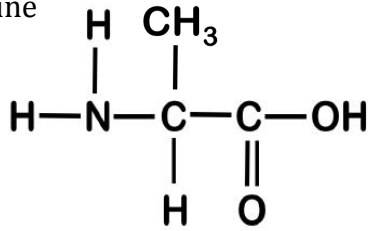
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Appendix 1: Generic amino acid

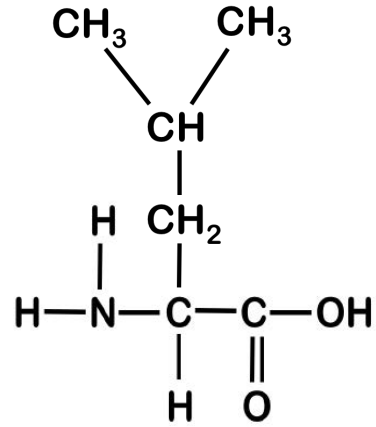


Appendix 2: Amino acid R groups.

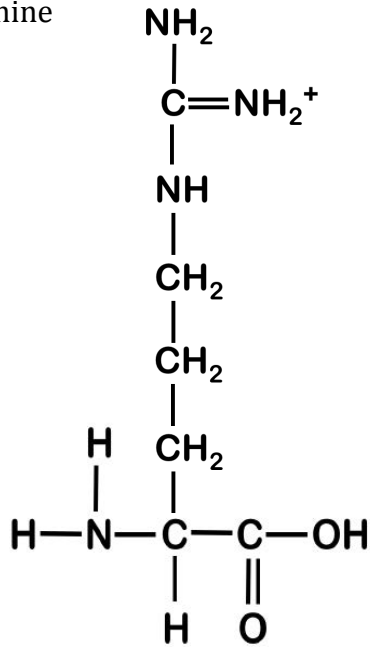
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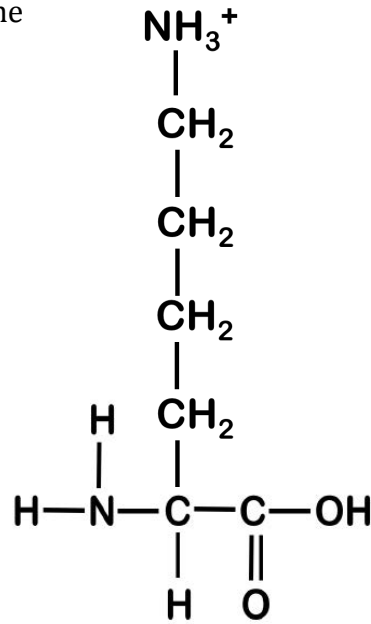
Leucine



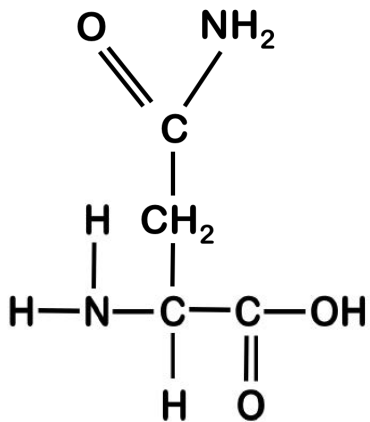
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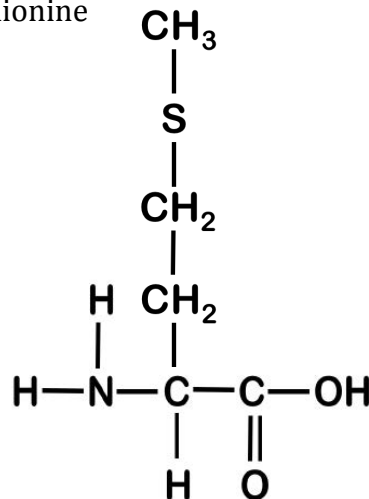
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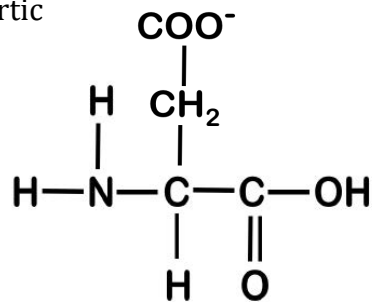
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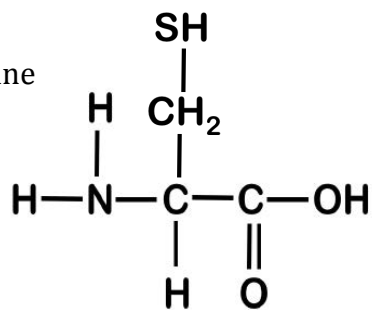
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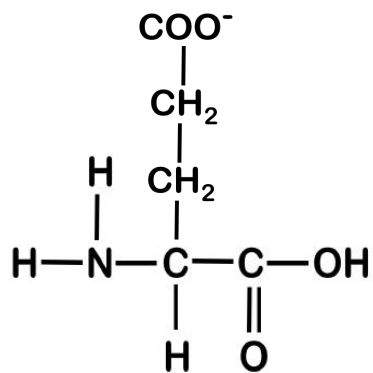
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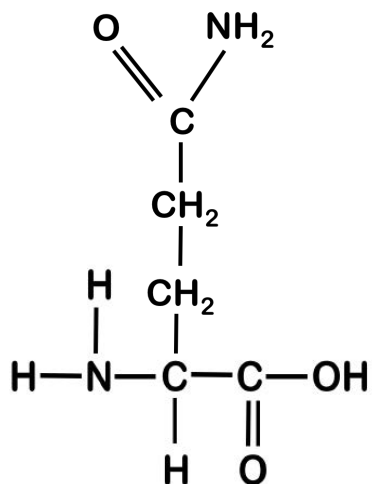
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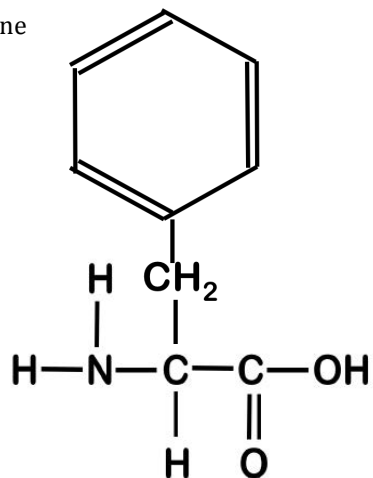
Glutamic Acid



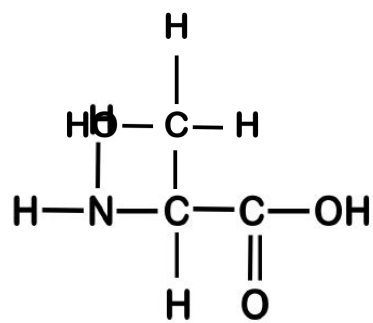
Glutamine



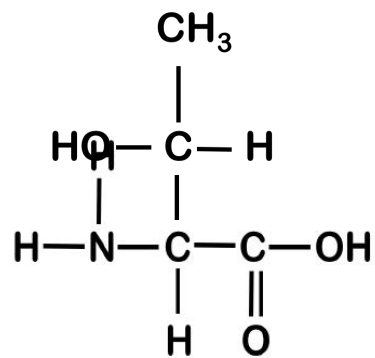
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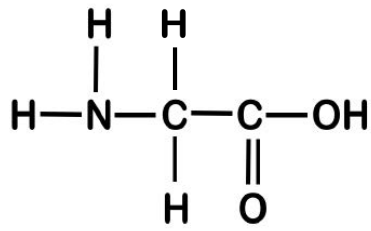
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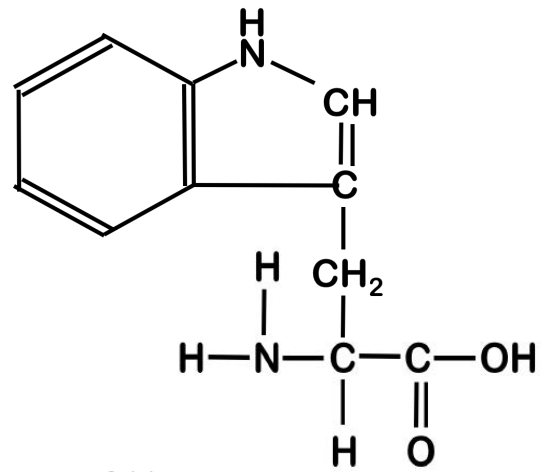
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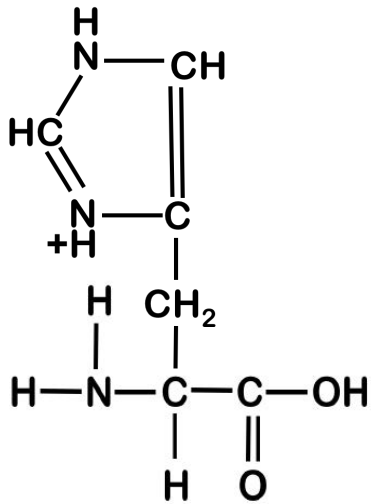
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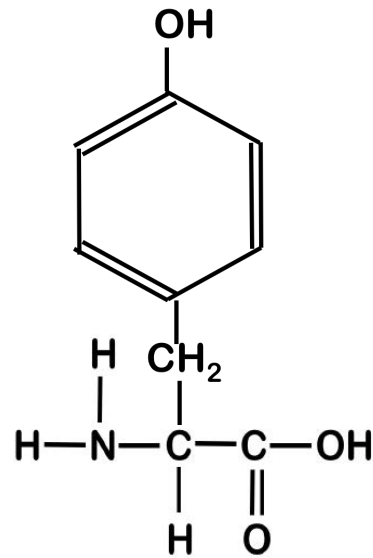
Tryptophan



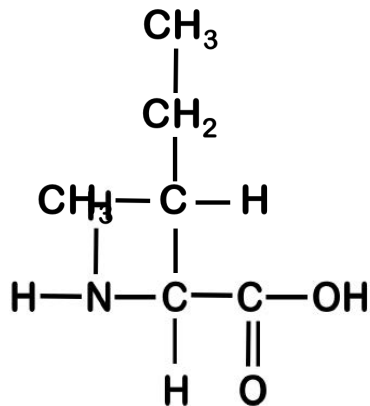
Histidine



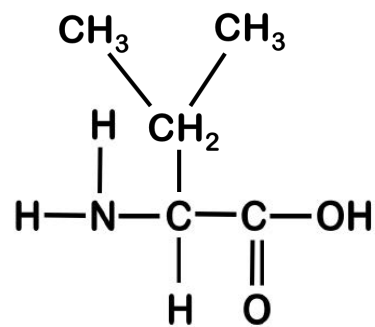
Tyrosine



Isoleucine



Valine



Appendix 3: Sample peptides.

