NIH grant proposal

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Things to do

2: Disturbingly, there's a bug in the TODOs. Why are they all numbered with '1'?

2: short paragraph introducing codon usage bias

2: 2–3 sentences on our proposal

2: 1 sentence per hypothesis

2: Do we need to do this?

2: Statement, qualifications for each

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TODO: Disturbingly, there's a bug in the TODOs. Why are they all numbered with '1'?

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TODO: 2–3 sentences on our proposal

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TODO: 1 sentence per hypothesis

Resources

TODO: Do we need to do this?

Author profiles

TODO: Statement, qualifications for each

Budget

TODO: Do we need to do this?

Budget

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Proposal

We intend to identify causal relationships of codon usage bias and point mutations on protein structure.

Aim 1: Develop a comprehensive pipeline to elucidate relationships between codon usage bias and protein structure.

Aim 2: Identify clinically significant effects of synonymous mutations on protein structure.

Aim 3: Establish codon usage bias as an important biological mechanism.

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