



EFFECT OF ADA2 SANT MUTATIONS ON H3 AND H4 HISTONE- TAIL BINDING

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Research Question & Significance

How is the independent function and binding of Ada2 protein domains to H3 & H4 histone-tails affected by point-mutations?

Malfunctions in Ada2 can be devastating to embryonic growth or lead to cancer

Results

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- The point-mutations did not successfully eliminate binding in H3 and H4 histone tails which suggests that we are not in the correct location to affect histone binding

Why are my results important to the scholarly/research community?

- This research can allow other scholars to better understand how epigenetics can play a role in gene expression

Why are my results important to a general audience?

- This research can affect people who are affected by effects from cancer or malfunctions from embryonic development