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## Zfp961 floxed mice

**Zfp961 floxed mice enable the study of transcription factor Zfp961's role in modulating plasma lipoproteins and its impact on atherosclerosis.**

Researchers have developed Zfp961 floxed mice to investigate the role of the Zfp961 in modulating plasma lipoproteins and its impact on atherosclerosis. Mechanistic studies have identified Znf101/Zfp961 and Casz1 as transcription factors that enhance and repress apoB and apoA1, respectively. In previous experimental setups, female C57BL/6J mice were divided into groups and intravenously transduced with viruses expressing shRNA targeting Casz1 and Zfp961, and then fed a Western diet to induce hyperlipidemia. This model provides a powerful tool for understanding the molecular mechanisms underlying lipid regulation and cardiovascular disease.

### References

1. Ansari et al. , <https://pmc.ncbi.nlm.nih.gov/articles/PMC11721306/#sec2>

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### Category

Life Sciences/Materials/Mouse  
Models  
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