

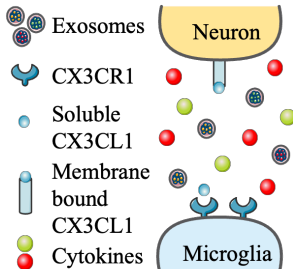


Introduction

Amyotrophic Lateral Sclerosis

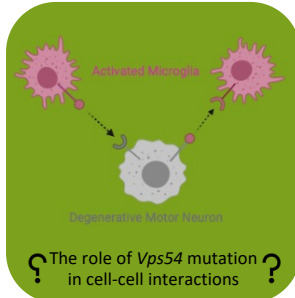
- Motor Neuron Degeneration
- Neuroinflammation
- Cell-Cell Interactions
- Wobbler Mouse Mutation in *Vps54*

Neuron-Microglia Interactions

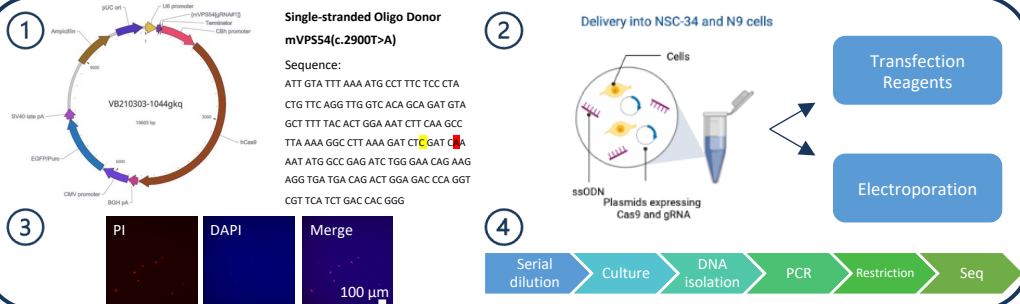


Cihankaya et al., (2022), *Neural Regen Res*

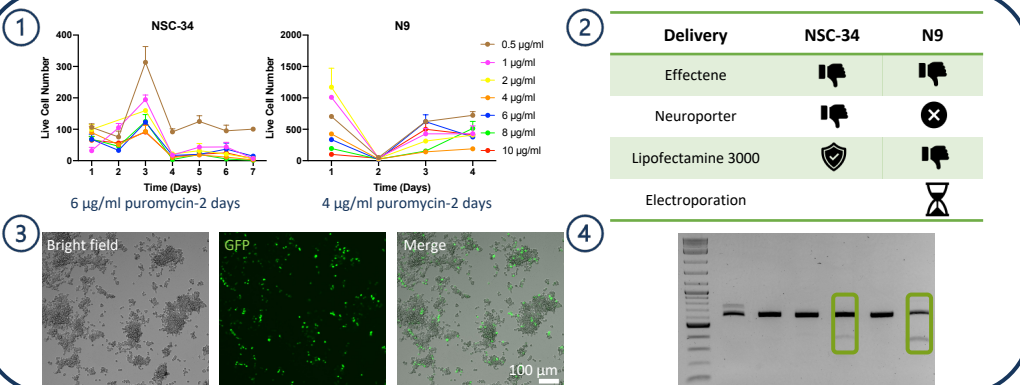
Hypothesis



Methods



Results



Discussion

Acknowledgement

CRISPR/Cas9 →
Knock-in via
HDR

Lipo3000 for
NSC-34 MN

Electroporation
of N9 is
ongoing.

Electroporation
is preferable
for N9 cells.

RNP complexes
>
CRISPR
plasmids

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