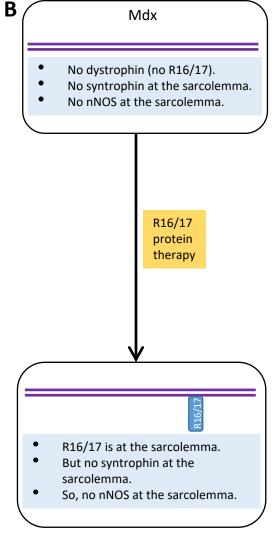


Sarcolemma nNOS anchoring requires **both** R16/17 **and** syntrophin.



ΔR4 micro-dystrophin transgenic mice

ΔR4 microdystrophin

- ΔR4 micro-dystrophin recruits syntrophin to the sarcolemma.
- ΔR4 micro-dystrophin does not have R16/17.
- Syntrophin alone cannot anchor nNOS to the sarcolemma.

R16/17 protein therapy



- ΔR4 micro-dystrophin recruits syntrophin to the sarcolemma.
- R16/17 is brought to sarcolemma by our protein therapy.
- Syntrophin and R16/17 anchor nNOS to the sarcolemma.