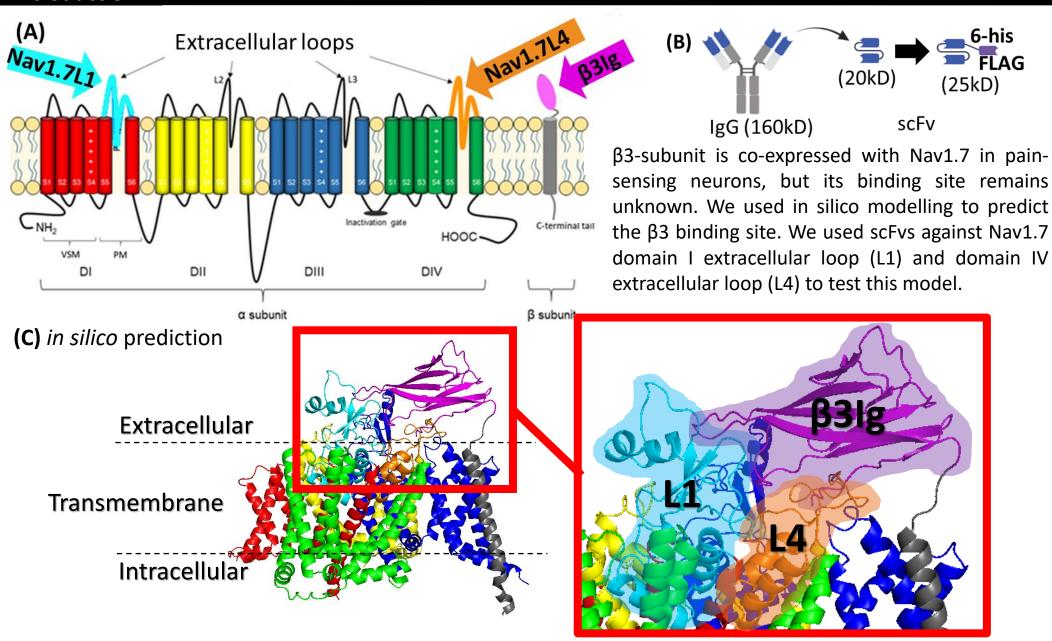


Using single-chain variable fragments (scFv) to map the β3-subunit binding site on the pain-sensing sodium channel Nav1.7



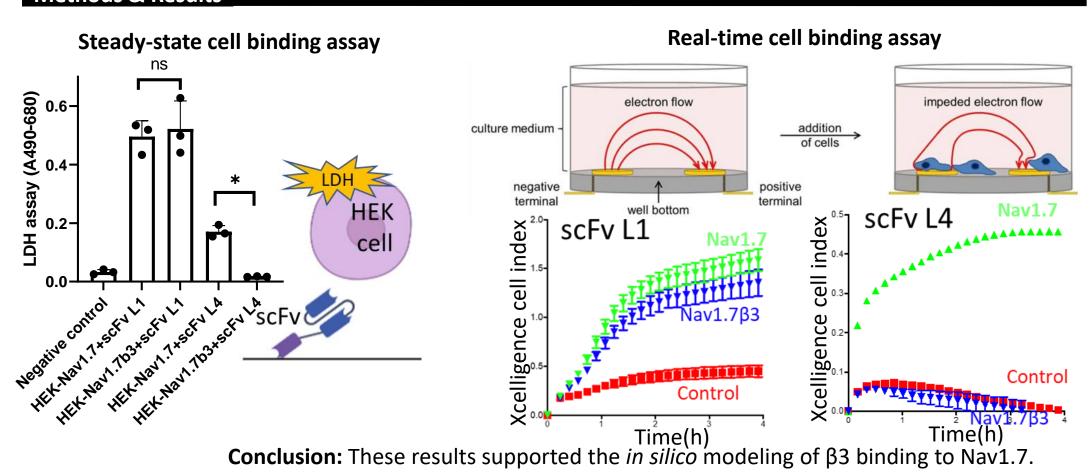
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Introduction

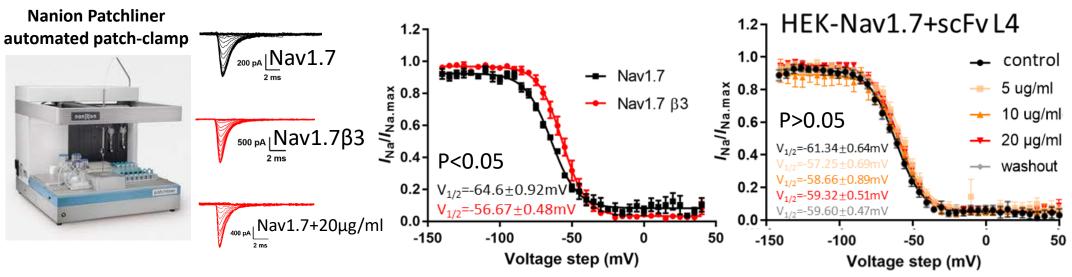


Hypothesis: L1 scFv should bind in the presence of β3 Ig domain, but L4 scFv should not.

Methods & Results



Effect of β3 or scFv on Nav1.7 inactivation



Conclusion: Unlike β 3, the L4 scFv had no effect on Nav1.7 inactivation.