

Generation of Nestin Cre SR mice: Nestin Cre (conditional deletion of SR) mice were generated by breeding SR flox mice with nestin cre mice obtained from Jackson labs (number 003771) to generate nestin cre SR flox^{+/-} or nestin cre (-) SR flox^{+/-}. The nestin cre (+) SR flox^{+/-} mice were then bred with SR flox mice to obtain nestin cre SR flox/flox. From the litters obtained and after genotyping (Transnetyx Inc) nestin cre SR flox/flox mice were then bred with SR flox mice to obtain nestin cre SR flox/flox or SR flox/flox mice. The nestin cre SR flox/flox mice were used in experiments along with SR flox/flox mice as controls. All mice were age matched and genotyped before use in experiments.