

Comparison of neurofibroma models

	<u><i>Nf1flox/flox;DhhCre</i></u>	<u><i>Nf1flox/flox;Krox20-Cre</i></u>
Strain	I129/BL/6 X FVBN rederived on CD1	I129/BL/6
Promoter expression	Late boundary cap (E12.5) Nerve derived precursor*(E12.5)	Early boundary cap (E10.5) Mature SC (E15.5)
Mouse survival	5-13 months	12-16 months
Environment	Wild type	<i>Nf1</i> +/-
Nerve enlargement	Yes Evidenced by P15	Yes Evidenced by 12 months
Plexiform neurofibroma location and size	Yes, spinal roots up to 11mm	Yes, spinal roots and cranial nerve 1-2mm
Dermal neurofibroma	Yes (46.4%)	No
Pigmentation	Yes (39.3%)	No

* Variously called Schwann cell precursor (Jessen and Mirsky, 2005) or neural crest stem cell (Joseph et al, 2004)