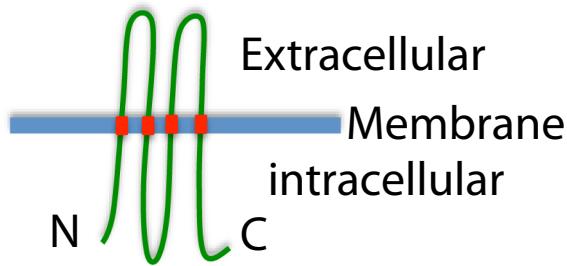
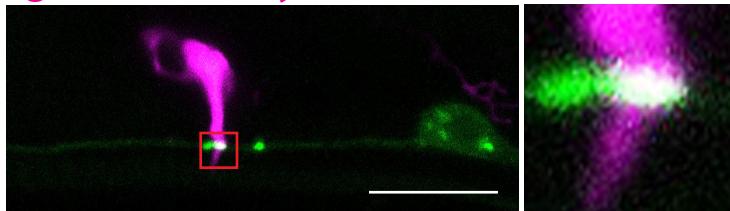


UNC-9

A



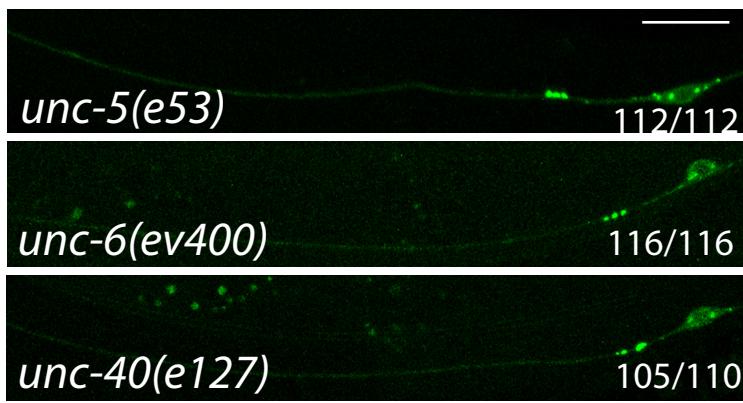
B *Pglr-1::mCherry* *Pmece-4::GFP-UNC-9*



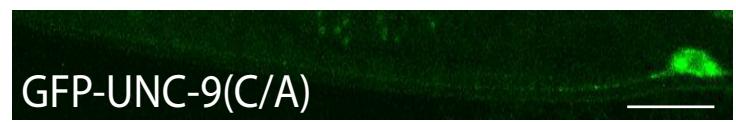
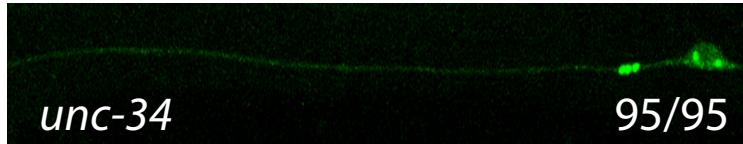
C

UNC-7	¹²⁰ AMILYYLASAFRALYPRLLDDDFVDKLNYYYTTTILASFALLVSAKQYVGFPICQWVATF	179
	+M+LYY ASA +++ +DDD +DKLNYYYTT I+ FA+LVSAKQYVGFPICQWVATF	
UNC-9	² SMLLYFSAVKSISIQFHVDDDIKDLNYYYTTAIIITVFAILSVAKQYVGFPICQWVATF	61
	¹⁹¹ T+ MEQYQTENYCWNQNTYWVPMQEDIPREIYSRRNRQIGYYQWVPFILAIETALLFYVPI	239
UNC-7	¹⁸⁰ TDAMEQYQTENYCWNQNTYWVPMQEDIPREIYSRRNRQIGYYQWVPFILAIETALLFYVPI	239
UNC-9	⁶² TEPMEQYQTENYCWNQNTYFLPLHDYIPHNYAERENRQIGYYQWVPFVLAELLFYVPI	121
UNC-7	²⁴⁰ LWRLGLYWHSGINLQGLVQMACDARLMDESEIKTRTVYTMARHMQDEVQLTNIDRQGHRS	299
	+WR LL W SG+I+Q LVQMACD+RL+D E + R + T+A +++ + + G +R	
UNC-9	¹²² VWR-LLSWQSGIHVQSLVQMACDSRLLDLSRNRALQTIATNVEEALHVKHQVMSG-NRL	179
UNC-7	³⁰⁰ CFSNLQLGANCGRHGCYVMTLYIGIKVLYSANVLLOFFLNHLLGSNDLAYGFSLLKDL	359
	NL + C R G VT LYI +K+LY+ N++ Q FLLN LG+ YG +L DL	
UNC-9	¹⁸⁰ KLLNLII---CTRSSGAAVTFLYISVKILYTVWQGIFLLNTFLGNRSKWMYGLQVLNLD	236
UNC-7	³⁶⁰ MHAIEWEQTGMFPRVTLLCDEEVRLGNIHRHTVQCLMIMMFNEKIFLFLWFWLTCGIV	419
	M+ EWE++G FPRVTLLCDEEV+VLGNNHRHTVQCLMIMMFNEKIFLFLWFW+	
UNC-9	²³⁷ MNGREWEESGHFPRVTLLCDEEVKVLGNVHRHTVQCLMIMMFNEKIFLFLWFWLLAGA	296
UNC-7	⁴²⁰ TVCNNTMYWILIMFIPSQGMSFVRKYLRVLPDPHAPKIAADDVTLRKFTNNFLRKDGVFMLR	479
	T+C+ YWI I +PS+ ++FV KYL + + D +LR+F +FLR+DGVF+LR	
UNC-9	²⁹⁷ TLCSLFYWIYISVPSRQLNFGKYLTGIEGY---KMVDQSLLRRFVFLRQDGFLRL	353
UNC-7	⁴⁸⁰ MISTHAGELMSSELILALWQDF	501
	M++THAGEL EL LW ++	
UNC-9	³⁵⁴ MVATHAGELPCYELAKTLWNYY	375

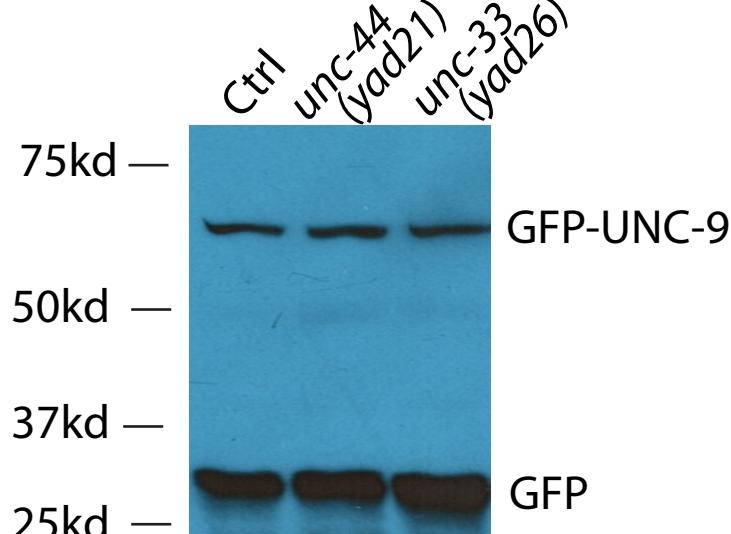
D



E



F



S1 Figure