

## Figure 5-figure supplement 1-source data 1 legends

### Figure 5-figure supplement 1-source data 1. Gel images of APL-1 genotyping

Three extrachromosomal array lines (*oyls14[sra-6p::GFP], ric-7(n2657) V; apl-1(wp19) X + sra-6p::nCre*) were generated from one microinjection and genotyped for APL KO in PVQ. 15 worms from line 1, 8 worms from line 2 and 8 worms from line 3 were genotyped. The KO band(583bp) can be seen in most worms from line 1 but not in worms from line 2 or line 3, probably due to expression levels and mosaicism. Line 1 was then integrated to generate *XE2634(oyls14[sra-6p::GFP], ric-7(n2657) V; apl-1(wp19) X; wpls146[sra-6p::nCre + odr-1p::RFP])*, which was used for analysis of axon degeneration. Control is *XE2415(oyls14[sra-6p::GFP], ric-7(n2657) V; apl-1(wp19) X)*. Blank is no worm input. The cropped image of control and last three worms from line 1 is shown in figure 5-figure supplement 1B, with enhanced contrast.