



FIGURE S7. —Morphology of alternative timepoints and RNAi lines. Dissected larval whole mounts of larvae expressing the indicated transgenes immunostained for Fasciclin III (green) at indicated timepoints. (A) Larva heterozygous for *e22c-Gal4,UAS-DsRed2-Nuc* (red), and the *msn^{RNAi x2}* transgenes used in Figure 4I immediately after wounding. The wound gap is normal and lacks nuclei. (B) Larva heterozygous for *e22c-Gal4,UAS-DsRed2-Nuc* (red), and *msn^{RNAi}* (VDRC line 16973 #101517 as per Table S2) 24 hours post wounding. Class VII morphology of multiple nuclei within the wound gap (star) is similar to the NIG line (16973R-2;16973R-1) shown in Figure 4I. (C) Larva heterozygous for *e22c-Gal4,UAS-DsRed2-Nuc* (red), and *Arp14D^{RNAi}* (VDRC line 9901 #101999) 24 hours post wounding. Class III open wound morphology of clustered nuclei (bracket) at the wound edge is similar to knockdown of other class III genes (Figure 4E). Scale bar 100 μm .