

Table S2. Future pipeline for SKI LODGE lines.

Aim	Description
Add additional promoters	We will add additional tissue-specific promoters.
Rapid promoter switching for any desired promoter	Flank SKI LODGE promoters with matching crRNA site sequence, enabling one step promoter switching.
Introduce SL2 sequence	Introduce an SL2 sequence after the <i>dpy-10</i> site to facilitate trans splicing with a fluorescent protein without generating fusions.
Fluorescence selection	Modified SKI LODGE cassette with <i>dpy-10::STOP::fluorescent protein</i> . Knock in will remove <i>dpy-10::STOP</i> to allow selection by fluorescence