



Figure 4. Noncoding transcripts at the *FLC* locus. Many classes of noncoding transcripts have been characterized at the *FLC* locus. A set of antisense transcripts have collectively been called COOLAIR (red). These are alternatively spliced and alternatively polyadenylated, and encompass the whole length of the sense transcript. They are an integral part of *FLC* regulation both in the warm and in the cold. An *FLC* noncoding sense transcript, termed COLDAIR (blue), is transcribed from a cryptic promoter in intron 1. There are also homologous 24- and 30-mer siRNAs (gray) mapping just upstream of the COOLAIR transcription start site.