

[illegible]

Supplemental Figure 2b: Sequences and contexts of SDR2b elements. All instances of SDR2b in any genome of a cyanobacterium listed in Figure 5 of the main text are shown. All sequences are from *Nostoc punctiforme*, unless otherwise indicated. Conventions are as described in Supplemental Figure 1, except that the coordinate listed under **site** is the low order coordinate of the sequence shown (including the sequence flanking the SDR element). In addition, sequences that are underscored are direct repeats of the corresponding underscored region on the other side of the given sequence, and runs of at least four thymidines or four adenosines are rendered in blue or green letters, respectively.