

The *Drosophila melanogaster* validated regulatory DNA elements were downloaded from the Fly Enhancers website of the Stark laboratory (<http://enhancers.starklab.org/>). The human and mouse validated regulatory DNA elements were downloaded from the VISTA enhancer depository of the Lawrence Berkeley National laboratory (<http://enhancer.lbl.gov/>). The genomic coordinates were subsequently converted to interval format for use in EMERGE.

References

- [E. Kvon et al.](#) Genome-scale functional characterization of *Drosophila* developmental enhancers in vivo. *Nature*, 2014.
- [Visel et al.](#) VISTA Enhancer Browser—a database of tissue-specific human enhancers. *Nucleic Acids Research*, 2007.