Figure 1. The components of the Conifer Translational Genomics Network.

The Conifer Comparative Genomics Project which includes the Conifer Comparative Mapping Project (CCMP; http://dendrome.ucdavis.edu/ccgp/) and Comparative Re-Sequencing in the Pinaceae (CRSP; http://dendrome.ucdavis.edu/crsp/).

Loblolly Projects: Allele Discovery of Economic Traits in Pine (ADEPT, http://dendrome.ucdavis.edu/adept/) which is a collaboration between the University of Florida, University of Georgia and University of California, Davis; Allele Discovery of Economic Traits in Pine 2 (ADEPT2, http://dendrome.ucdavis.edu/adept2/) which is a collaboration between the University of Florida, North Carolina State University, Texas A&M University and University of California, Davis; Accelerating Pine Genomics (APG, http://www.pine.msstate.edu/) at Mississippi State University which is developing a BAC library; and

Three EST Projects: Genomics of Wood Formation in Loblolly Pine (http://pinetree.ccgb.umn.edu/), NSF Genomics of loblolly pine embryogenesis project (http://www.tigr.org/tdb/e2k1/pine/), Gene Discovery in Pine at University of Georgia (http://fungen.botany.uga.edu/Projects/Pine/PineInfo.htm).

Douglas fir Projects: Agenda2020 (http://dendrome.ucdavis.edu/agenda2020/) and the Adapt Project (http://dendrome.ucdavis.edu/adapt/) which are both collaborations between Oregon State University and University of California, Davis.

International Partners: EvolTree (http://www.evoltree.org/), Treesnips (http://cc.oulu.fi/~genetwww/treesnips/), CSIRO (http://www.csiro.au/), SGD in Japan (http://ss.ffpri.affrc.go.jp/labs/cjgenome/index.html), Treenomix (http://www.treenomix.ca/) and Arborea (http://www.arborea.ulaval.ca/). A complete list of International partners can be found at http://www.pinegenome.org/.

Database of Conifer Genomics Researchers: http://dendrome.ucdavis.edu/treegenes/directory/.

Tree Breeding Cooperatives: the Cooperative Forest Genetics Research Program at the University of Florida (CFGRP, http://www.sfrc.ufl.edu/CFGRP/ourweb.html), the Industry Cooperative Tree Improvement Program at North Carolina State University (NCSU-ICTIP, http://natural-resources.ncsu.edu/for/research/tip/formembers.htm), the Western Gulf Forest Tree Improvement Program administered by the Texas Forest Service and location at Texas A&M (WGFTIP, http://www.ars-grin.gov/misc/wgftip/), and the Northwest Tree Improvement Cooperative at Oregon State University (NWTIC, http://www.fsl.orst.edu/nwtic/).

Industry Collaborators: Illumina which designs SNP genotyping arrays (http://www.illumina.com/), genotyping is done at the UC Davis Genome Center DNA technologies core facility (http://www.genomecenter.ucdavis.edu/dna_technologies/). Agencourt Biosciences is used for high throughput sequencing (http://www.agencourt.com/).