

Table 1 | Characteristics of the *P. abies* genome

Genome	
Size (1 <i>n</i>)	19.6 Gb
Karyotype	2 <i>n</i> = 24
GC content	37.9%
High-copy repeat content*	
LTR_Gypsy/Copia/unclassified	35%/16%/7%
LINE	1%
DNA transposable element	1%
Unclassified	10%
Genes and gene-like fragments†	2.4%
Assembly	
Size in scaffolds >200 bp/>10 kb	12 Gb/4.3 Gb
N50/NG50	4,869 bp/721 bp
Annotation	
High confidence gene set	28,354
Genes with >5-kb introns	8.4%
Avg. exon/intron size	312 bp/1,017 bp
Avg. gene density	1 gene in 705 kb
Transposable element genes	284,587
Non-coding loci	
lncRNA (unique/conserved)	13,031/9,686
miRNA (<i>de novo</i> predicted)	2,719

* Inferred from unassembled reads. † Including pseudogenes, excluding transposable elements.