

Supplementary Table S1

Table S1. 33 coast redwood scaffolds that contain centromeric repeats. The first 21 scaffolds are longer than 1Mbp. Four of them contain telomeric repeats on one end and thus may represent nearly complete chromosome arms. The sizes shown in column 2 exclude gaps, which are represented by Ns in the scaffolds; therefore, the centromere positions may be larger than the non-gapped sizes.

Scaffold ID	Size (bp)	Centromere start	Centromere end	Contains telomeric repeats at one end
Scaffold_167773	452,197,195	357,540,513	359,435,278	No
Scaffold_181730_1	18,758,433	18,530,381	18,844,362	No
Scaffold_181730_2	251,136,108	164,575,943	166,238,692	No
Scaffold_203021_1	770,211,427	760,191,227	761,547,604	Yes
Scaffold_203021_4	2,007,259	1,919,073	2,011,822	No
Scaffold_203021_5	244,097,060	244,818,420	245,075,522	No
Scaffold_203021_6	374,257,369	1,171,110	1,358,435	No
Scaffold_332052_1	50,632,319	50,549,445	50,800,464	No
Scaffold_332052_2	34,932,801	28,701,053	30,383,849	Yes
Scaffold_332052_3	8,034,483	8,041,132	8,044,893	No
Scaffold_332052_4	15,549,043	1,173,040	2,526,183	No
Scaffold_343581	818,281,871	157,045,044	158,734,548	No
Scaffold_344217	1,279,033,992	538,568,497	540,277,024	No
Scaffold_353338	1,078,900,225	162,232,389	163,560,123	No
Scaffold_387868_1	294,319,338	295,090,143	295,438,622	No
Scaffold_387868_2	1,017,252	998,708	1,018,320	No
Scaffold_387868_3	609,863,577	611,404,350	612,246,774	No
Scaffold_387868_4	15,510,204	8,352,936	9,869,644	No
Scaffold_6215_1	563,586,863	565,166,008	565,784,321	Yes
Scaffold_6215_3	22,931,044	2,094,101	2,211,438	Yes
Scaffold_6215_4	79,312,185	3,373,007	6,646,160	No
Scaffold_1310	254,797	6,292	254,797	No
Scaffold_14063	128,602	10,262	120,578	No
Scaffold_203021_2	818,366	710,743	825,926	No
Scaffold_203021_3	879,599	449,787	879,719	No

Table S1 (cont.)

Scaffold ID	Size (bp)	Centromere start	Centromere end	Contains telomeric repeats at one end
Scaffold_28466	151,992	473	150,244	No
Scaffold_327523	230,184	47,988	229,477	No
Scaffold_332344	208,351	685	208,417	No
Scaffold_33838	149,918	604	145,167	No
Scaffold_346330	206,316	1,149	201,944	No
Scaffold_393371	225,015	14,674	231,893	No
Scaffold_5955	158,393	3,681	141,669	No
Scaffold_6215_2	127,906	58,643	127,906	No