

SI Table 3. Annotation of the BAC contig harboring *Nud* in table form.

start	end	Classification	Name/Accession No	strand
128	806	HNB3112 (marker)	HNB3112 (marker)	for
2793	3247	Gene 1 exon 3	putative iron-deficiency specific 4 protein	rev
6196	6328	Gene 1 exon 2		rev
6454	6558	Gene 1 exon 1		rev
7295	7947	HNB3117 (marker)	HNB3117 (marker)	for
10055	10202	DNA transposon, MITE	stowaway, "Damocles_AV935714-1"	rev
12501	14100	HNB3116 (marker)	HNB3116 (marker)	for
14670	15145	Retrotransposon, LTR	unknown superfamily, "Eugene_AF474072-1"	for
15146	15643	Retrotransposon, LTR	gypsy, "Jeli_AY661558-1"	rev
19829	20287	Retrotransposon, LTR	unknown superfamily, "Eugene_AY663392-1"	for
20287	20753	Retrotransposon, LTR	copla, "Georgia_AY853252-1"	rev
20485	20936	Retrotransposon, LTR	unknown superfamily, "Eugene_AY663392-1"	for
21599	24262	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	for
24362	26052	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	for
26103	27056	Retrotransposon, LTR	athila, "Sabrina_1020F19-1"	for
27264	32121	Retrotransposon, LTR	athila, "Sabrina_AY494981-4"	for
32620	33173	Retrotransposon, LTR	"WIS_426K20-1"	rev
32955	33491	Retrotransposon, LTR	"WIS_107G22-1"	rev
35405	37605	Retrotransposon, LTR	athila, "Sabrina_1020F19-1"	rev
40792	43798	Retrotransposon, LTR	copla, "BARE1_11o9-1"	rev
44504	54083	Retrotransposon, LTR	copla, "Angela_609E6-3"	for
55445	55915	Retrotransposon, LTR	athila, "Egug_AY268139-1"	rev
56190	60862	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	rev
63187	65686	HNB3115 (marker)	HNB3115 (marker)	rev
74778	75928	HNB391 (marker)	HNB391 (marker)	for
76754	77309	Retrotransposon, LTR	copla, "Lara_102J11-2"	for
78376	78552	DNA transposon, CACTA	"Caspar_453N11-1"	for
83846	84377	Retrotransposon, LTR	copla, "WIS_426K20-1"	rev
84621	84748	Retrotransposon, LTR	copla, "WIS_107G22-1"	rev
84917	88000	Retrotransposon, LTR	copla, "BARE1_11o9-1"	rev
88319	91422	Retrotransposon, LTR	copla, "Angela_609E6-3"	rev
94332	94980	Retrotransposon, LTR	athila, "WHAM_AF459088-1"	for
94350	95009	Retrotransposon, LTR	athila, "WHAM_115G1-1"	for
96384	96707	Retrotransposon, LTR	copla, "Maximus_AY643844-1"	rev
100928	114017	Retrotransposon, LTR	gypsy, "Haight_102J11-1"	rev
118924	119493	Retrotransposon, LTR	copla, "Maximus"	rev
120651	126178	Retrotransposon, LTR	athila, "Sabrina_102J11-18";	rev
133221	138024	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	for
145606	146153	Retrotransposon, LTR	copla, "WIS_426K20-1"	rev
152715	153004	Retrotransposon, LTR	copla, "WIS_426K20-1"	rev
153045	153262	Retrotransposon, LTR	copla, "WIS_426K20-1"	rev
153830	154028	Retrotransposon, LTR	copla, "Maximus_102J11-2"	rev
154075	154311	Retrotransposon, LTR	copla, "Maximus_AY643844-1"	rev
154391	154589	Retrotransposon, LTR	copla, "Maximus_AY643844-1"	rev
154589	155572	Retrotransposon, LTR	copla, "WIS_107G22-1"	for
154590	155631	Retrotransposon, LTR	copla, "BARE1_11o9-1"	for
157314	164299	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	for
164326	165070	Retrotransposon, LTR	copla, "BARE1_11o9-1"	for
165074	165181	Retrotransposon, LTR	copla, "WIS_107G22-1"	for
165077	166310	Retrotransposon, LTR	copla, "BARE1_11o9-1"	for
166330	167848	Retrotransposon, LTR	gypsy, "BAGY2_AY643843-1"	for
167859	168699	Retrotransposon, LTR	copla, "WIS_426K20-1"	for
167897	168630	Retrotransposon, LTR	copla, "Angela_426K20-4"	for
168701	168932	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	for
168946	169214	Retrotransposon, LTR	copla, "WIS_107G22-1"	for

SI Table 3. (continued).

start	end	Classification	Name/Accession No	strand
169266	169483	Retrotransposon, LTR	copia, "WIS_426K20-1"	for
169313	169472	Retrotransposon, LTR	copia, "BARE1_11o9-1"	for
169337	169483	Retrotransposon, LTR	copia, "WIS_107G22-1"	for
169415	169787	Retrotransposon, LTR	copia, "Angela_609E6-3"	for
170655	171311	sHNB386 (marker)	athila, "Sabrina_745C13-1";	for
170921	177410	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	for
177460	178581	Retrotransposon, LTR	athila, "WHAM_AF459088-1"	for
184619	187834	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	rev
187835	188488	Retrotransposon, LTR	gypsy, "BAGY2_AY643843-1"	for
188541	189694	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	rev
189702	190560	Retrotransposon, LTR	copia, "WIS_107G22-1"	for
190432	190534	Retrotransposon, LTR	copia, "Angela_426K20-4"	for
192204	194889	Retrotransposon, LTR	copia, "Angela_426K20-4"	for
194935	197019	Retrotransposon, LTR	copia, "BARE1_11o9-1"	for
197071	197360	Retrotransposon, LTR	copia, "WIS_426K20-1"	for
198746	199002	Retrotransposon, LTR	athila, "Sabrina_745C13-1"	rev
198996	201407	Retrotransposon, LTR	gypsy, "BAGY2_AY643843-1"	for
202111	202272	Retrotransposon, LTR	copia, "Maximus_AY643844-1"	rev
205579	207092	Retrotransposon, LTR	gypsy, "BAGY2_AY643843-1"	rev
214046	214314	Retrotransposon, LTR	gypsy, "Heidi_453N11-1"	rev
214607	216313	Retrotransposon, LTR	gypsy, "Erika1_TM_gag"	rev
222349	224145	Retrotransposon, LTR	gypsy, "Sukkula_AY643843-1"	for
223685	240364	Deleted in naked cultivars of spontaneous origin		—
236983	237583	Gene 2; Nud_exon 2	putative ethylene-responsive transcription	rev
237784	237866	Gene 2; Nud_exon 1		rev
243214	243732	wHNB322 (marker)	wHNB322 (marker)	rev