

Wednesday, August 07, 2002 5:32 PM

Sequence alignment showing conservation across 100-180 nt positions. The top sequence (Yb8AD687) has a 100-nt window with a red-to-yellow gradient. The bottom sequence (Yb8AD688) has a 100-nt window with a green-to-red gradient. A color bar at the top indicates sequence conservation from 100% (red) to 0% (yellow).

Position	Yb8AD687 Sequence	Yb8AD688 Sequence	Conservation (%)
100	ATCCTGGCT AACAGGT GAAA CCCCGT C-	ATCCTGGCT AACAGGT GAAA CCCCGT C-	100
110	TCTACTAAAAA-	TCTACTAAAAA-	100
120	- TACAAAAAA-	- TACAAAAAA-	100
130	- TT AGCCGGGCGCGGT GGCGGGCGCCT GTAGTCCCAGCT	- TT AGCCGGGCGCGGT GGCGGGCGCCT GTAGTCCCAGCT	100
140	100	100	100
150	100	100	100
160	100	100	100
170	100	100	100
180	100	100	100

Wednesday, August 07, 2002 5:32 PM

		ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	190	200	210	220	230	240	250	260	270
Yb8AD687	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG-	259									
Yb8AD688	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
Yb8AD689	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG GAA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CTG	260									
Yb8AD693	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AGGCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CTG	259									
Yb8AD721	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCC	261									
AluYb8NCB108	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	260									
AluYb8NCB109	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
AluYb8NCB111	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC AGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCA CAGT CCG	261									
Yb8-110	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CTG	260									
AluYb8NCB112	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	246									
Yb8-114	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCC	262									
AluYb8NCB160	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	262									
AluYb8NCB268	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AGGCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
Yb8-496	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
AluYb8NCB507	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GTGGAGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
AluYb8NCB535	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAGCTT GCA GT GAGCT GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
Yb8AD690	ACGCGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGGCTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CCG	259									
Yb8AD720	ACT CGGGAGGCT GAGGCA GGA GAAT GGC GT GAA CCC GGG- AA GCGGAACTT GCA GT GAGCC GAG ATT TGC GCC ACT GCA GT CCG CAGT CTG	258									
		GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AXXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX	280	290	300	310	320	330	340	350	
Yb8AD687	- - - - - AGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA	294									
Yb8AD688	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAT AAAA AT AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	337									
Yb8AD689	GCCTGGGTGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	307									
Yb8AD693	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA A	340									
Yb8AD721	ACCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	321									
AluYb8NCB108	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAT AAAA AT AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	338									
AluYb8NCB109	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	313									
AluYb8NCB111	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	333									
Yb8-110	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA A	313									
AluYb8NCB112	ACCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA A	308									
Yb8-114	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA A	314									
AluYb8NCB160	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA GAAA	320									
AluYb8NCB268	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA ACA - - - - - A ACAA ACA AACAA CAA ACA AAA ACT GGT AGA	327									
Yb8-496	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AAAAAA A	326									
AluYb8NCB507	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA AGA A	317									
AluYb8NCB535	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA AAAAAA GAAA	317									
Yb8AD690	ACCTGGCGACA GAGCGA GACTCCGTCTCA AAAA A	305									
Yb8AD720	GCCTGGCGACA GAGCGA GACTCCGTCTCA AAAA AAAAAA AAAAAA AAAAAA A	313									