

Single Nucleotide Polymorphisms in Wild Isolates of *Caenorhabditis elegans* * Romke Koch, HGAM van Luenen, M. van der Horst, K.L. Thissen and Ronald H.A. Plasterk, *Genome Research* 10:1690-1696 2000; rkoeh@rcdb.knaw.nl

chromosome	mao	pos	osmii	pos	com	WT seq	SNP seq	enzyme	WT digest	SNP digest	primer fw	primer rev	primer seqA	primer seqB	primer seqC	AB 1	AB 4	AB 4555	AB 4856	AB 4857	DH424	KR314	RC301	RW700	TR403	remarks	found in	POS in SEQ read	Intron/Exon/Intergene
-16	CB085	19231				catggtttgaaaggtg	catggtttgaaaggtg				tacaatttctctcaaac	ccatggccgcaagttg				+	+	+	+	+	+	+	+	+	+	+	In ACEDB op. pos. 25671	CB4857 387fw, 139rev	Exon 2 (frameshift)
-15.02	H0421	6839				aattTCaAaac	aattTCaAaac		670, 75	745	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+		CB4857 560rev	Exon 6 (GGC>GA, T>T)	
-15.02	H0421	6903				tattTtAaaaac	tattTtAaaaac	Dde I			caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+		CB4857 73fw, 625rev	Exon 6	
-15.02	H0421	6943-6952				aatttcTTCGAAATTC	aatttcTTCGAAATTC	Dde I			caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 123-125fw, 467-476rev	Intron
-15.02	H0421	6943-6947				aatttcTTCGAAATTC	aatttcTTCGAAATTC	Dde I			caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 123-125fw, 467-476rev	Intron
-15.02	H0421	6943-6947				aatttcTTCGAAATTC	aatttcTTCGAAATTC	Dde I			caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 123-125fw, 467-476rev	Intron
-15.02	H0421	6951, 6952				CtGcATttcc	CtGcATttcc				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+		CB4857 137fw, 463rev	Intron	
-15.02	H0421	6956				GAAATTCcga	GAAATTCcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+		CB4857 150fw, 449rev	Intron	
-15.02	H0421	6969				tttttttTcga	tttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+		CB4857 150fw, 449rev	Intron	
-15.02	H0421	6978				cgaaatTcgaat	cgaaatTcgaat				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+		CB4857 150fw, 449rev	Intron	
-15.02	H0421	6988				cgaaatTcgaat	cgaaatTcgaat				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 150fw, 449rev	Intron
-15.02	H0421	7028				cgaaatTcgaat	cgaaatTcgaat				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 150fw, 449rev	Intron
-15.02	H0421	7041				tttttttTcga	tttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 150fw, 449rev	Intron
-15.02	H0421	7070				aaaaaAAtcag	aaaaaAAtcag	Dde I	520, 230	750	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 208fw, 391rev	Intron
-15.02	H0421	7070				aaaaaAAtcag	aaaaaAAtcag	Dde I	520, 230	750	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 208fw, 391rev	Intron
-15.02	H0421	7202				aaatttGcAatt	aaatttGcAatt				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 249fw, 370rev	Intron
-15.02	H0421	7204, 7205				tttttGcAattT	tttttGcAattT				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 251,252fw, 347,348rev	Intron
-15.02	H0421	7211				AattTAgcATt	AattTAgcATt				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 256fw, 341rev	Intron
-15.02	H0421	7215-7220				tttttGcAattT	tttttGcAattT				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 256,258fw, 333,337rev	Intron
-15.02	H0421	7252				ttttttTcgcgaag	ttttttTcgcgaag				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 299,300fw, 299,300rev	Intron
-15.02	H0421	7369				aaatttGcAatt	aaatttGcAatt				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 414fw, 165rev	Intron
-15.02	H0421	7377, 7378				gaaatcTaaaaa	gaaatcTaaaaa				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 425fw, 174rev	Intron
-15.02	H0421	7386				aaaaaAgtgaa	aaaaaAgtgaa				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4856 between 431, 432fw	Intron
-15.02	H0421	7432				ttttttTcgcgaatc	ttttttTcgcgaatc				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4856 477fw	Intron
-15.02	H0421	7487				cgaaatTcgcgaatc	cgaaatTcgcgaatc				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 535fw, 64rev	Intron
-15.02	H0421	7500				ttttttTcgcgaatc	ttttttTcgcgaatc	Dde I			caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 548fw, 51rev	Intron
-15.02	H0421	11139				agaattTcga	agaattTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 281rev	Exon 10 (GGT>T, C>F)
-15.02	H0421	11225				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 196fw, 285rev	Intron
-15.02	H0421	11235				gaaatTcgaatc	gaaatTcgaatc				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 373rev	Intron
-15.02	H0421	11477				gattcGactca	gattcGactca	Dde I			caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 495fw	Intron
-15.02	H0421	11689-11692				ggcctTCCGaaac	ggcctTCCGaaac	Mae I	465, 290, 220, 145	465, 220, 195, 145, 140	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 between 291,292fw	Intron
-15.02	H0421	11897				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 86fw	Intron
-15.02	H0421	12264				agaatcGcaaat	agaatcGcaaat				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 467rev	Intergene
-7.48	F9A2	12490				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 271fw	Intron
-4.62	MO1F	26492				ggcctTCCGaaac	ggcctTCCGaaac				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 157fw	Intron
-6.62	MO1F	26445				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 310fw	Intron
-15.02	H0421	12349				agaatcGcaaat	agaatcGcaaat				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 99f, 382rev	Intron
-15.02	H0421	12446				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 196fw, 285rev	Intergene
-15.02	H0421	12520				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 310fw	Intergene
-15.02	H0421	12524				aaaaAaAaat	aaaaAaAaat				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 274fw, 207rev	Intergene
-15.02	H0421	12820				caaatcGtgcct	caaatcGtgcct	BsaI	238, 237, 217, 186	475, 217, 186	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 219fw, 645rev	Exon 2 (Taa>G, Y>H)
-15.02	H0421	13351				caaatcGtgcct	caaatcGtgcct	BsaI	238, 237, 217, 186	475, 217, 186	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 219fw, 645rev	Exon 2 (Taa>G, Y>H)
-15.02	H0421	17379				acttGcGgaa	acttGcGgaa	Mae I	930, 60	990	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 467fw	Exon 10 (Taa>G, L>L)
-15.02	H0421	18089				acttGcGgaa	acttGcGgaa	Mae I	930, 60	990	caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 395fw, 569rev	Intron
-15.02	H0421	18156				ggcctTCCGaaac	ggcctTCCGaaac				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 402fw, 496rev	Intron
-15.02	H0421	18179				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 496fw, 463rev	Intron
-15.02	H0421	18333				ctctcaTctcc	ctctcaTctcc				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 318rev	Intron
-15.02	H0421	18372				ctctcaTctcc	ctctcaTctcc				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 287rev	Intron
-15.02	H0421	18391				ttttttTcga	ttttttTcga				caaaataaaacaaca	aaagttggccaccattg				+	+	+	+	+	+	+	+	+	+	+		CB4857 51,52fw, 55,56rev	Intergene
-15.02	H0421	18391				ttttttTcga	ttttttTcga																						