

C

***thisbe (ths)* promoter sequence conservation**

	-40	+1	+40
<i>D. melanogaster</i>	aacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. simulans</i>	aaacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. sechellia</i>	aacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. yakuba</i>	aacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. erecta</i>	aacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. ananassae</i>	aacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. pseudoobscura</i>	aaacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. persimilis</i>	aaacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. willistoni</i>	cacaacacaaaagccaaaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. virilis</i>	acaacagcaacaagaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. mojavensis</i>	acaacagcaacaagaaaatg	tcgcacg	tttggttcggtttagtc
<i>D. grimshawi</i>	acagcagcaacaagaaaatg	tcgcacg	tttggttcggtttagtc
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D

***Multi drug resistance 49 (Mdr49)* promoter sequence conservation**

	-40	+1	+40
<i>D. melanogaster</i>	accgagctgtcgtcgcaaccattc	gatattt	gtgtagtc
<i>D. simulans</i>	accgagctgtcgtcgcaaccattc	gatattt	gtgtagtc
<i>D. sechellia</i>	accgagctgtcgtcgcaaccattc	gatattt	gtgtagtc
<i>D. yakuba</i>	accgagctgtcgtcgcaaccattc	gatattt	gtgtagtc
<i>D. erecta</i>	accgagctgtcgtcgcaaccattc	gatattt	gtgtagtc
<i>D. ananassae</i>	accgagttgtccttgtaactt	gttgtag	caattggttgtc
<i>D. pseudoobscura</i>	aaccgagctgtcgtcgcaaccaatt	gactggg	actcgtc
<i>D. persimilis</i>	aaccgagctgtcgtcgcaaccaatt	gactggg	actcgtc
<i>D. willistoni</i>	accgagttggttgctgtaacc	gctgatg	ggagacaccatc
<i>D. virilis</i>	=====		
<i>D. grimshawi</i>	=====		

E

phantom (phm) promoter sequence conservation

	-40	+1	+40
<i>D. melanogaster</i>	ttctgtccgagagactcgtttcaaattctaaagaaattc	cagt	aatcgcagagctctgctggcgactggacgtcgggatg
<i>D. simulans</i>	=====attctaaagaaattc	cagc	tatatcgcagagctctgctggcgactgtctctccgat
<i>D. sechellia</i>	ttttgtccgagagactcgtttcaaattctaaagaaattc	cagt	aatcgcagagctctgctggcgactggaccagtcggga
<i>D. yakuba</i>	ttttgtccgagagactcgtttcaaattctaaagaaattc	cagt	aatcgcagagctctgctggcgactggacgtcgggatc
<i>D. erecta</i>	ttctgtcccagagactcgtttcaaattctaaagaaattc	cagt	aatcgcagagctctgctggcgactggacgtcgggatc
<i>D. ananassae</i>	gttgggcaccgagacccgtttcaaattctaaagaaattc	cagt	aatcgcagagcgtctcgggtgaccagacgtcctcaa
<i>D. pseudoobscura</i>	atcttctggccgagactcgtttcaaattctaaagaaattc	cagt	aatgatgagcattgctggcgactggacgtctcgtgg
<i>D. persimilis</i>	catttctggcgagactcgtttcaaattctaaagaaattc	cagt	aatgatgagcattgctggcgactggacgtctcgtgg
<i>D. willistoni</i>	=====tcaaattctaaaaaggaaattc	cagt	agtaagtgaagagcattgcagccgaacggacgtcgac
<i>D. virilis</i>	attacgctcccagacagtttcgaaaatccatagaaattc	cagt	aattgaagaaccgcctggccgaacggacgtgtacca
<i>D. mojavensis</i>	tgcctgcattacatttcgcccgaaatccgtagaaattc	cagt	aattgaagagccgcacagtcgagcggacgtcagcgtc
<i>D. grimshawi</i>	catttgcgtgccgacacgtttcgatttccatggaaatgc	cagt	aattgaagaacctcgctgccgaacagacgttgctgat
	: : : : :

F

rho like (RhoL) promoter sequence conservation

	-40	+1	+40
<i>D. melanogaster</i>	gaactctgagagctaaacgaatcggaatcgccaaaggt	tcagtt	gttcgacgacatcgcgatcgatcggttgtgctatt
<i>D. simulans</i>	tcgaactgagagtgaaacgaatccgaatcgccaaaggt	tcagtt	gttcgacgacatcgcgatcgatcggttgtggctatt
<i>D. sechellia</i>	tcgaactgagagtgaaacgaatccgaatcgccaaaggt	tcagtt	gttcgacgacatcgcgatcgatcggttgtggctatt
<i>D. yakuba</i>	ctgagagcgaacagaaacaactcgccgatggttcact	tcagtt	gttcgacgacatcgcgatcgatcggttgtggctatt
<i>D. erecta</i>	cgaactgagagggcaacaatcgacgtgatgttcact	tcagtt	gttcgacgacatcgcgatcgatcggttgtggctatt
<i>D. ananassae</i>	gttcgctcggcgctggttcagctggttgaggtggtg	ttagtt	gcctgacgacatcgccaacgatcggttcgtttaagc
<i>D. pseudoobscura</i>	gtggcgtcgtatccgctcagatacaaaaactgctgcctc	tcagat	gccttgcgactgcacgagtgatcggttgtggtggtg
<i>D. persimilis</i>	gtggcgtcgtatccgctcagatacaaaaattgctgcctc	tcagat	gccttgcgactgcacgagtgatcggttgtggtggtg
<i>D. willistoni</i>	=====		
<i>D. virilis</i>	cttttggccactcaacgttatccgctcagataactcgttc	tcagtt	gcgtgacgactgccggagcgcacggttgtgccagct
<i>D. mojavensis</i>	=====		
<i>D. grimshawi</i>	gatgttggtcacacgggctaaccgacagagactcgttc	tcagtt	gcgttatgactgcccgagcgcacggttgttccagct

