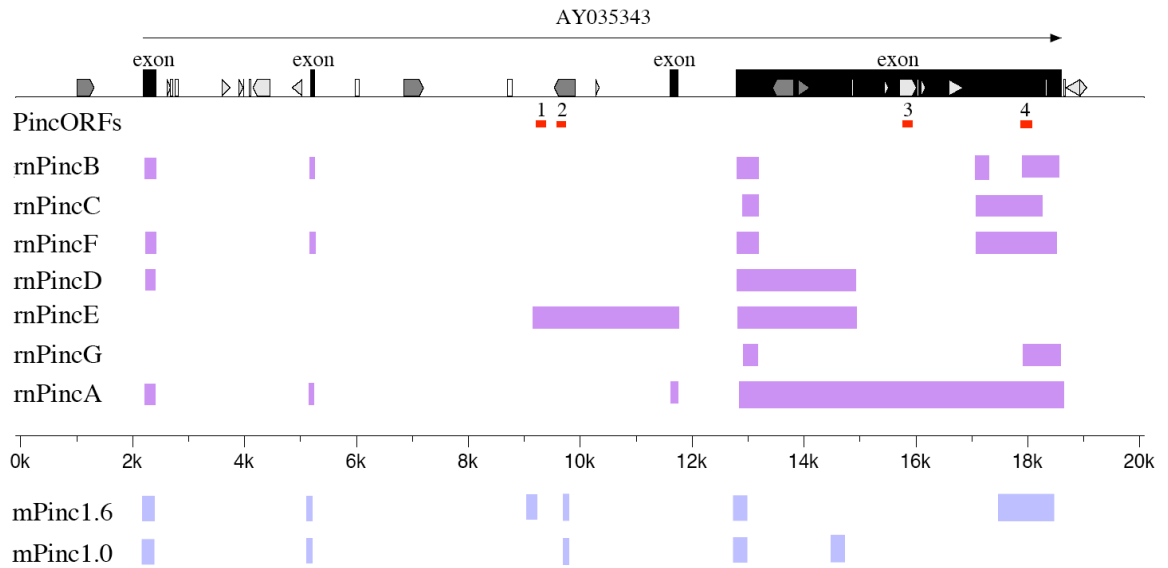


**A**



**B**

ORFs encoding for peptides > 50 aa in mouse and rat PINC transcripts

Transcript	GenBank accession no.	Size, nt	Size, aa	Kozak sequence	Kozak quality	Location in transcript
ORF#1 rn_PincG	DQ080211	153	50	aaaATGt	Weak	94
ORF#2 rn_PincG <i>in LTRrepeat</i>	DQ080211	162	53	agaATGg	Strong	455
ORF#3 rn_pincA <i>in LINE repeat</i>	AY035343	147	49	tccATGg	Adequate	3471
ORF #4 mm_pinc1.6	DQ059755	186	61	gtcATGg	Strong	956
rn_pincA	AY035343	156	51	ctcATGa	Weak	5606
rn_pincB	DQ099683	156	51	ctcATGa	Weak	1003
rn_PincE	DQ080210	156	51	ctcATGn	Weak	440
rn_pincF	DQ105701	156	51	ctcATGa	Weak	1707

**C**

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mm_Pinc1.6ORF1 1 MASSISRGRVLEKLNKFLIHRARWAOKEEGMLQSFRTLOEGYRGQGLKNLNPNLEKI
rn_PincA_ORF 1 1 MTSYISRTGQIFKNINCKFPPIHSGRWKRKEEGMVRFSFRKTLOEGYHGQGLKI-----

mm_Pinc1.6ORF 61 M
rn_PincAORF -

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