

Supporting Information

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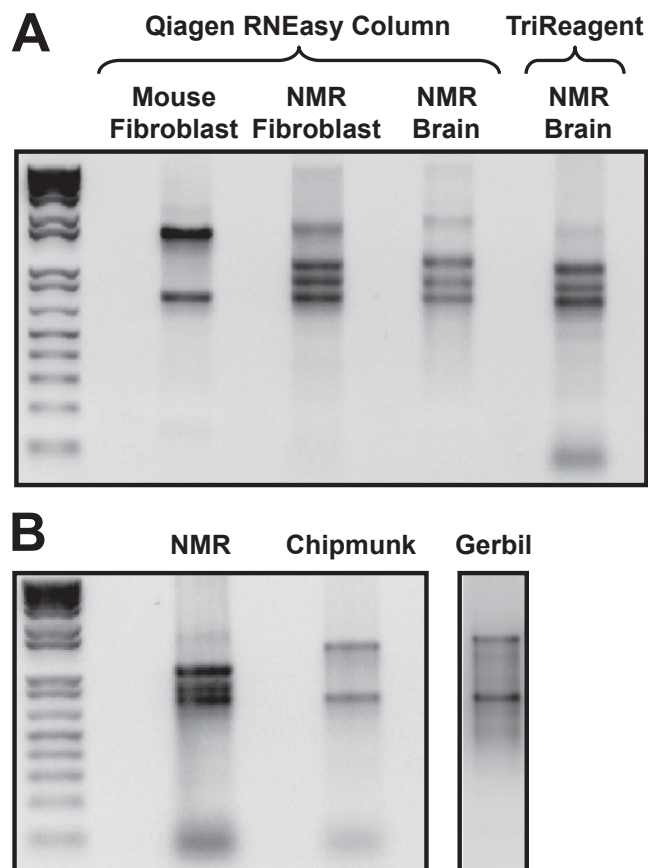


Fig. S1. Naked mole-rat (NMR) ribosomal RNA (rRNA) shows an unusual pattern with cleaved 28S rRNA. (A) NMR break pattern is seen independent of extraction method used or whether RNA is extracted from frozen tissues or cell culture. (B) RNA extracted from two additional nonmodel rodents does not show 28S rRNA cleavage. The RNA was separated on native 1% gel.

Table S2. List of oligonucleotide primers used for 3' RACE and 5' RACE of NMR 28S ribosomal RNA cleavage point

Primer	Sequence (5'→3')	Specificity
28S-5P2	GGCGACCCGCTGAATTTAAGCATATTAGTC	NMR 28S rRNA
28S-P6-Forward	GCCGTACCCATATCCGCAGCAG	NMR 28S rRNA
28S-P7-Reverse	GCCCTTAGAGCCAATCCTTATCCCGAA	NMR 28S rRNA
SP3-Forward	GACAGTGCCAGGTGGGGAGTTTGAC	NMR 28S rRNA
28S-3P	ACAACCCCTTGTCGAGGGCTG	NMR 28S rRNA