

Supplementary Table 1. Primers used for qRT-PCR and ChIP assays.

pre-tRNA qPCR, tRNA ChIP

Target tRNA	Primer name	Sequence 5' --> 3'
Arg-TCT-1-1	Arg-TCT-F	GTGGCGCAATGGATAGC
	Arg-TCT-1-1-R	CTTCCTTTGAATGCCTTCAGC
Ile-TAT-2-2	Ile-TAT-F	GTGGCGCAATCGGTTAGC
	Ile-TAT-2-2-R	GCATCACTCGCACACATACTG
Leu-CAA-2-1	Leu-CAA-F	ATGGCCGAGTGGTCTAAGG
	Leu-CAA-2-1-R	ACCAGAAGACCCGAACACAG
Met-CAT-1-1	Met-CAT-1-1 F	GCCTCGTTAGCGCAGTAG
	Met-CAT-1-1 R	CTCACGACCTTCAGATTATG
Tyr-GTA-5-1	Tyr-GTA-5-F	CCTTCGATAGCTCAGCTGGT
	Tyr-GTA-5-1-R	GGATGTCTCCTGCTGAGGAAG
Tyr-GTA-5-3	Tyr-GTA-5-F	CCTTCGATAGCTCAGCTGGT
	Tyr-GTA-5-3-R	GGATGTCCACAAATGTTTCTACAG

qPCR control gene primers

Primer name	Sequence 5' --> 3'
Human b-actin F	GATCATTGCTCCTCCTGAGC
Human b-actin R	ACTCCTGCTTGCTGATCCAC