

Table S1. Differentially expressed tRFs determined by small RNA-Seq.

AccID	Log ₂ FC	P-value	Sequence	Type	Anticodons	Length
tRF-26-W3FJIJ0E7UME	-3.159	0.039	TCGGTAGAGCATGAGACTCTTAAATCT	i-tRF	LysCTT	26
tRF-24-YP9LON4VHJ	-2.853	0.029	TTCAGTGGTAGAATCTCGCCTCC	i-tRF	GlyCCC	24
tRF-27-F91SS2P4F13	-2.755	0.008	AGCTCAGTCGGTAGAGCATGAGACTCT	i-tRF	LysCTT	27
tRF-28-QP4PW3FJIJ0W	-2.681	0.002	GCTAGCTCAGTCGGTAGAGCATGAGACT	i-tRF	LysCTT	28
tRF-25-9N1EW1Q72S	-2.668	0.036	TGGTAGGATTCGGCGCTCTCACCG	i-tRF	GluCTC	25
tRF-27-4PW3FJIJ0E7O	-2.652	0.005	CTCAGTCGGTAGAGCATGAGACTCTTA	i-tRF	LysCTT	27
tRF-34-5YXENDBP1IUUIJ	-2.380	0.043	GATTGTGAATCTGACAAACAGAGGCTTACGACCCC	i-tRF	HisGTG	34
tRF-26-JMRPFQ5DWXB	-2.327	0.012	CAGTCGGTAGAGCATGAGACTCTTAA	i-tRF	LysCTT	26
tRF-33-PY5P4PW3FJHPW	-2.271	0.038	GCCTGATAGCTCAGTCGGTAGAGCATCAGACT	5'-half	LysTTT	33
tRF-31-3JVIMRPFQ5DE	-2.238	0.013	CCGGCTAGCTCAGTCGGTAGAGCATGAGACT	i-tRF	LysCTT	31
tRF-26-F91SS2P46ID	-2.207	0.049	AGCTCAGTCGGTAGAGCATGGGACTC	i-tRF	LysCTT	26
tRF-30-4J83ML5FX24Z	-2.076	0.027	CTAGCTCAGTCGGTAGAGCATGAGACTCTT	i-tRF	LysCTT	30
tRF-27-JMRPFQ5DWX1	-1.989	0.029	CAGTCGGTAGAGCATGAGACTCTTAAT	i-tRF	LysCTT	27
tRF-22-JMRPFQ5D5	-1.934	0.041	CAGTCGGTAGAGCATGAGACTC	i-tRF	LysCTT	22
tRF-35-897PVP9N1QKS3W	-1.911	0.045	TCCTCGTTAGTATAGTGGTTAGTATCCCGCCTGT	5'-half	AspGTC	35
tRF-25-F91SS2P4F1	-1.898	0.034	AGCTCAGTCGGTAGAGCATGAGACT	i-tRF	LysCTT	25
tRF-27-QP4PW3FJIJ01	-1.892	0.029	GCTAGCTCAGTCGGTAGAGCATGAGAC	i-tRF	LysCTT	27
tRF-35-6SXMSL73VL4YMY	-1.869	0.050	GGCCGTGATCGTATAGTGGTTAGTACTCTGCGTTG	5'-half	HisGTG	35
tRF-40-3JVIMRPFQ5DWXH9	-1.795	0.022	CCGGCTAGCTCAGTCGGTAGAGCATGAGACTCTTAATCTC	i-tRF	LysCTT	40
tRF-36-3JVIMRPFQ5DWXB	-1.793	0.036	CCGGCTAGCTCAGTCGGTAGAGCATGAGACTCTTAA	i-tRF	LysCTT	36
tRF-24-JMRPFQ5DJQ	-1.771	0.047	CAGTCGGTAGAGCATGAGACTCTT	i-tRF	LysCTT	24
tRF-37-86J8WPMN1E8Y7Z2	-1.723	0.048	TCCACATGGTCTAGCGGTTAGGATTCCTGGTTTCA	tRF-5	GluTTC	37
tRF-36-MIF91SS2P4FINOE	-1.715	0.031	CGGCTAGCTCAGTCGGTAGAGCATGAGACTCTTAAT	i-tRF	LysCTT	36
tRF-35-86J8WPMN1E8Y7Z	-1.712	0.044	TCCACATGGTCTAGCGGTTAGGATTCCTGGTTT	5'-half	GluTTC	35
tRF-37-MIF91SS2P4FINO5	-1.678	0.033	CGGCTAGCTCAGTCGGTAGAGCATGAGACTCTTAATC	i-tRF	LysCTT	37
tRF-40-86J8WPMN1E8Y7Z2R	-1.669	0.048	TCCACATGGTCTAGCGGTTAGGATTCCTGGTTTCA	tRF-5	GluTTC	40
tRF-34-PS5P4PW3FJHPEQ	-1.571	0.049	GCCCGATAGCTCAGTCGGTAGAGCATCAGACTT	5'-half	LysTTT	34
tRF-38-HPDE8P7SER9I69DV	-1.542	0.025	ATCAGAAAGATTCAGGTTTCGACTCTCTGGCTGGCTCGCC	tRF-3	ArgACG	38
tRF-18-RPM83004	-1.454	0.026	GGTAGCGTGGCCGAGTGG	tRF-5	LeuTAG,LeuAAG	18
tRF-17-RPM830P	-1.424	0.030	GGTAGCGTGGCCGAGTGG	tRF-5	LeuTAG,LeuAAG	17
tRF-17-RPM830K	-1.323	0.047	GGTAGCGTGGCCGAGCG	tRF-5	LeuTAG,LeuAAG	17
tRF-38-2YU04DYJIO3ZU30F	1.286	0.048	CACGTAAAGCTAACCTTAGCATTAACCTTTTAAAGTTAA	tRF-5	LysTTT	38
tRF-47-2YU04DYJIO3ZU3U0IOL	1.389	0.036	CACGTAAAGCTAACCTTAGCATTAACCTTTTAAAGTTAAAGA	tRF-5	LysTTT	47
tRF-36-7X9PN547202L2YB	1.400	0.032	GTTTATGAGCTTACCTCCTCAAAGCAATACACTGA	5'-half	PheGAA	36
tRF-24-76HRMFWRE2	1.407	0.034	GTTCAATCCCCGGCATCTCCACCA	tRF-3	AlaTGC,AlaCGC	24
tRF-21-2MK87K1B	1.570	0.040	CAATCCCCGGCATCTCCACCA	tRF-3	AlaTGC,AlaCGC	21
tRF-31-ROD8N0X0JYOYE	1.659	0.039	GGTAAATGGCTGAGTGAAGCAATGGACTGT	5'-half	TyrGTA	31
tRF-18-PNR8YP04	1.693	0.034	GCATTGGTGGTTCAGTGG	tRF-5	GlyCCC,GlyGCC	18
tRF-23-87R8WPP9IY	1.722	0.047	TCCCTGGTGGTCTAGTGGCTAGG	tRF-5	GluTTC	23

Table S1. Continued.

AccID	Log ₂ FC	P-value	Sequence	Type	Anticodons	Length
tRF-33-LBINRXXURYRSIV	2.021	0.031	CGAAAATGTTGGTTATACCCCTTCCCGTACTACC	tRF-3	MetCAT	33
tRF-41-Z4D7OOJ0QXL13XZ5D	2.317	0.028	TTGTGAATCTGACAACAGAGGCTTACGACCCCTTATTACC	i-tRF	HisGTG	41
tRF-25-690M0RHB26	2.431	0.049	GGCTCACATCACCCCATAAACACCA	tRF-3	PheGAA	25
tRF-30-DKNPNOYB7JXN	2.497	0.031	AAGGGCTTAGCTTAATTAAAGTGGCTGATT	5'-half	AlaTGC	30
tRF-30-PW5SVP9N15WV	3.575	0.018	GCCGTGATCGTATAGTGGTTAGTACTCTGC	tRF-5	HisGTG	30
tRF-36-F900BY4D84KRIME	4.036	0.008	AGCTCAACAAGAACTGCTAACTCATGCCCCCATGTCT	i-tRF	SerGCT	36