

Supplemental File S2. Yeast tRNAs and their abundance.

tRNA	Label	Amino Acid	Abundance ^a
tA(UGC)	t1	Ala	55351
tA(AGC)	t2	Ala	121771
tR(UCU)	t3	Arg	121771
tR(CCU)	t4	Arg	11070
tR(CCG)	t5	Arg	11070
tR(ACG)	t6	Arg	66421
tN(GUU)	t7	Asn	110701
tD(GUC)	t8	Asp	177122
tC(GCA)	t9	Cys	44280
tQ(UUG)	t10	Gln	88561
tQ(CUG)	t11	Gln	11070
tE(CUC)	t43	Glu	22140
tE(UUC)	t12	Glu	154982
tG(UCC)	t13	Gly	33210
tG(CCC)	t14	Gly	22140
tG(GCC)	t15	Gly	177122
tH(GUG)	t16	His	77491
tI(UAU)	t17	Ile	22140
tI(AAU)	t18	Ile	143911
tL(UAG)	t19	Leu	33210
tL(GAG)	t20	Leu	11070

tRNA	Label	Amino Acid	Abundance ^a
tL(UAA)	t21	Leu	77491
tL(CAA)	t22	Leu	110701
tK(UUU)	t23	Lys	77491
tK(CUU)	t24	Lys	154982
tM(CAU)	t25	Met	55351
tF(GAA)	t27	Phe	110701
tP(AGG)	t28	Pro	22140
tP(UGG)	t29	Pro	110701
tS(GCU)	t30	Ser	33210
tS(UGA)	t31	Ser	33210
tS(AGA)	t32	Ser	121771
tS(CGA)	t33	Ser	11070
tT(UGU)	t34	Thr	44280
tT(AGU)	t35	Thr	121771
tT(CGU)	t36	Thr	11070
tW(CCA)	t37	Trp	66421
tY(GUA)	t38	Tyr	88561
tV(UAC)	t39	Val	22140
tV(AAC)	t40	Val	154982
tV(CAC)	t41	Val	22140
eRF1	t42	Stop	18000

^a Molecules per cell. Abundance was calculated from a total tRNA abundance in haploid cells of 3 million (1) and the proportion of isogenes that code for a particular mRNA.

Reference

(1) Waldron C and Lacroute F (1975). Effect of Growth Rate on the Amounts of Ribosomal and Transfer Ribonucleic Acids in Yeast. *J. Bact.* **122**: 855-865.