Nucleotide sequence of two proline tRNA (AGG and CGG) genes from chicken

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We present the nucleotide sequence of two chicken tRNA proline genes. From base 277 to 348: $tRNA^{Pro}$ (AGG), from base 748 to 819: $tRNA^{Pro}$ (CGG). The latter is on the complementary strand. The only difference between the two $tRNA^{Pro}$ is in the first position of the anticodon. Coding sequences have been identified on the basis of their homology (100%) to the corresponding mouse genes (1, 2). The first gene would correspond to the chicken $tRNA^{Pro}$ (AGG) (3); $tRNA^{Pro}$ with a CGG anticodon has not yet been found in chicken.

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TCGTAGCCTG GTTTGGCCAG GTGAAGCCAC GCGATGACCC AGCTCAGCAA GCAGCAGCAC TGGTCAGCAG   70
AGGGCACAGG GGAGGGCACC AGGTCCGCTT AGCACAAACC TTTTGCACAT CACGATGACT GAATTAGTGT  140
CTTCTGCTGC TTCTGAAGAC TTGGCACCGC CCCAACAGCC GCCAGCCAAC GGCCACTGCA ACAAGGCAAA  210
CTATGCGGGC AGGACGCCTT CGGCCAGCCG TTCGTCTTCG AGCGACGGAA AACCGCCTCT CGCGCTGGCT  280
CGTTGGTCTA GGGGTATGAT TCTCGCTTAG GGTGCGAGAG GTCCCGGGTT CAAATCCCGG ACGAGCCCAA  350
GTTTTTTTTT TCTTCTTCTT TTTTTTCGTT TATCTTCGCC TCCTTGCCGN NCCNNNCCCA CCTACGCGTG  420
CATCGCACAG CGGCCGCCAC CGCGCAAAAC AGAGGGACGA GCGACGCGCT GCTGCGTTCT AAGAGCAGGA  490
TTAACGTGAG AAAATGGCGA GGAAAAGGAC CCCTTCTTCC CCTTGCCGCC TTCTCANNNC CCACCGTGAG  560
CCCGGTTCCC TCGCACCGCC CCTTGCATCC CCAAGGCCTC CCTACCGCCG GCATGCCCGT CGCATCCTTG  630
AGCCCCGCAA CCTCGCTCCG CTCTATCAAT CCGCCGCGGG ACGGTCAAGA CGACAAAAAC GCTCCGAAGC  700
GCCACACGGG CGCAAAAACA GGAGGAGTTC TCCCCTCCGT TCACCGAGGG CTCGTCCGGG ATTTGAACCC  770
GGGACCTCTC GCACCCGAAG CGAGAATCAT ACCCCTAGAC CAACGAGCCG CACACAGTTA GGTTTTCCCA  840
GCTGAATACT TGACTCATGT CTCTCTCGCT TCAACATGTC TATGCTA                            887
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