Z-motif

| Motif          | Start  | End    | Sequence                      |
|----------------|--------|--------|-------------------------------|
| RMRP| -       | -149   | TAGCCACAATGCCTCTCTG -133      |
| RN7SK| +       | -198   | TATCCGAAATGCCTTTGC -214*      |
| RNU6| - (U6-1) | -239   | TTCCCATGATTCCTTTCA -223*      |
| RNU6| + (U6-2) | -316   | ATCCCACGCTTTCTCTGC -332       |
| RNU6| + (U6-7) | -323   | CTCCCAGCATGGCTCTGC -307       |
| RNU6| - (U6-8) | -323   | CTCCCAGCATGGCTCTGC -307       |
| RNU6| + (U6-9) | -262   | CTCCCAGAAGTCTTTTG -278*       |
| RNY1| -       | -213   | TTCCCAGAGATCTTTAGC -197*      |
| RNY3| +       | -275   | CTCCCACGCTTGCCTTGC -291       |
| RNY4| +       | -234   | CACCCACATGGTCTTTGA -218*      |
| RNY5| +       | -228   | TACCCACATGGTCATTTC -212*      |
| RPPH1| -     | -163   | CACCCACGCGGTGCCCCG -147       |
| TRNAU1| -   | -231   | TTCCCACAAATGGCTGCGC -215*     |
| RNU1| - (U1-1) | -244   | CACCCGACAGTGCCTCTG -260*      |
| RNU1| - (U1-2) | -243   | CACCCGACAGTGCCTCTTG -259*     |
| RNU1| + (U1-3) | -243   | CACCCGACAGTGCCTCTG -259*      |
| RNU1| + (U1-4) | -243   | CACCCGACAGTGCCTCTG -259*      |
| RNU1| - (U1-5) | -242   | CACCCGACAGGCTTCTCC -258*      |
| RNU1| - (U1-6) | -242   | CACCCGACAGGCTTCTCC -258*      |
| RNU1| - (U1-8) | -259   | CACCCGACAGTGCCTTTTC -275*     |
| RNU1| + (U1-11) | -133   | CACCCGACAGGACTCTG -149*       |
| RNU1| - (U1-12) | -133   | CACCCGACAGGACTCTG -149*       |
| U1-like-1| - | -250   | CACCCGACAGGCTTCTCTC -266*     |
| U1-like-2| + | -250   | CACCCGACAGGCTTCTCTC -266*     |
| U1-like-3| + | -254   | CACCCGACAGGCTTCTCTC -270*     |
| U1-like-4| - | -279   | ATCCCACCTCCGCGC -295*         |
| U1-like-5| + | -275   | GCCCCACCTCCCGCGC -291*        |
| U1-like-6| + | -295   | GCCCCACCTCCCGCGC -311*        |
| U1-like-7| - | -288   | GCCCCACCTCCCGCGC -304*        |
| U1-like-8| - | -286   | GCCCCACCTCCCGCGC -302*        |
| U1-like-9| + | -287   | GCCCCACCTCCCGCGC -303*        |
| RNU2| - (U2-2) | -259   | ATCCCAGGATGCTTTAAA -243       |
| U2-like| - | -192   | TTCCCATAGCTGCTTGAG -208*      |
| RNU4| - (U4-1) | -217   | TTCCCACGCTTCCGAG -201*        |
| RNU4| - (U4-2) | -215   | TTCCCACGCTTCCGAG -201*        |
| U4ATAC| + | -189   | TACCCAGGAAGCCGCGC -205*       |
| RNU5| + (U5A) | -196   | TACCCATAATACACTG -180*        |
| RNU5| - (U5Ds) | -209   | TACCCACATGCACTG -193*         |
| RNU5| + (U5E) | -215   | TACCCACATGCATTG -199*         |
| TRNAU1| -   | -123   | GCCCAGAAATGCTGCTG -107        |
|     | 5' (5) |       | 3' (3') |       |
|-----|--------|-------|--------|-------|
| RNU5| - (U5F) | -222  | ATCCCAAGATGCATTGT | -206* |
| U5A-like| - | -203  | TACCCATAGTACCCTGC | -187* |
| U5b-like| + | -205  | TACCCATAATGCACTGC | -189* |
| U5E-like-1| - | -217  | TACCCACAATGCACTGT | -201 |
| U5E-like-2| - | -211  | TACCCATGGTGACCAC | -195* |
| SNORD118| - (U8) | -186  | TACCCAGAATGCTCCGA | -202* |
| RNU11| + (U11) | -180  | TTCCCAGAATGCTCCGA | -202* |
| RNU12| + (U12) | -237  | TTCCCCGTCGTCCCTCG | -221* |
| UNKNOWN-1| + | -251  | CACCAACAGTGCCTTC | -267* |
| UNKNOWN-4| + | -196  | TTCCCAAGAAGACTCTGC | -212* |
| UNKNOWN-6| - | -288  | TTCCCAAGATTCCAGTG | -272 |
| UNKNOWN-7| - | -221  | GCCCCGCGCTGCCCCTGC | -237* |

Note: The sequence is given in 5' to 3' orientation.