```
GATB LYAR
                      PWP1 METTL3 LAGE3
               POP1 RPF2
                                       NOB1
                          IMP4 RPP21
              MARS1 WARS1 TARBP2VARS2 RSL1D1 NOP53
                                DKC1 NOP14 RRP7BP DDX21
                          SND1
           GAR1 RR$1
                                        NCL WDR46
                                 ĬĬ ŅŞUŅ2
                            PES1
                                UTP1/1/
         BYSL
               NOL6\\ MTREX\\/
                                       TRMT1 UTP25 LRRC47
                PDCD11 METTL2A WDR18
            WDR12
                    MARS2
TRMU
     BMS1
                                       LARS2/ NÁF1 / RRP8
           AARS2 SARS1 YARS1
                                NOL11
                                              /NIFK/ RBFA
    METTL1 RPUSD4
                                       TSR<sub>1</sub>/
                     DCAF13
                                            WDR43 JARS1
TRMT61A RARS2 EARS2
                             USP36
WDR36
                                                       TARS2
    SLFN13HUMPD2 GTPBP4 TRMT13
                                                               size
                                                   EPRS1
WDR4 FARS2 MPHOSPH10 ZNHIT6
                                                               50
                                            URB1 KHSRP NOP58 6 100
  DUS2 FARSB CDK5RAP1
                                                      XRN2
POLR1B RRP1B DTWD1
                        TP53
                                                  UTP14A RPP40
 TARS3 DTD1
                                              TRIT1
 WDR75 TYW1B HSD17B10
                                                    NAT10 NOP2
                          PUS7
                                            FARSA
                                                              fold change
                                             RIOK1 AARSD1 TCOF1
                  KRI1 CHD7
       INTS3
TBL3 TDRKH
                                                       MRTO4
RRP15
         RPUSD2_PUSL1
                            EXOSC10 VARS1 LSM6 GARS1
                 RRP9
                                                      GEMIN4
UTP14C EXOSC2
                              MTERF4
                                      SHQ1 TRMT6 METTL2B
          TEB2M POLR1G //ELP1
                                      THG1L EXOSC7 WDR74 TYW1 category
          NOLC1 DDX47 METTL4 NSA2
ICE2
                                             ANKRD16
QRSL1 DDX10 EXOSC5 POP5/ DDX27
                                        ERCC2 SARS2
                                                               — GOBP_NCRNA_METABOLIC_PROCESS
                                                      \ AARS1
 LAS1L DDX18 ZC3H12A / DHX37
                                                   ALKBH8
                                     GTPBP3 HEATR1
                   /// QTRT1
                                                    NOP56
                                   AGO2 CARS1 METTL8 SSB
        TYW3
           NOL10 PUS1
     NPM3
                        NOL8 PA2G4 | RCL1 SUV39H1 NHP2
     CDKAL1/
                                ERI3 RARS1 PRKDC PPAN
    TRMT12 MAK16 SLX9
                   //LCMT2 ELAC2 UTP6 \
                                         XPO5 EBNA1BP2
         TRMT112
                 NSUN5 ADATA | TRUB1 | EXOSCO TUT4
            WDR3 UTP4 GTF3ASNU13 TRMT10BUTP20 DIMT1
                              SMARCA4 KTI12 ELL3
           MACROH2A2 VARS2
                  RRP12 PNPT1 DDX56 BRIX1 SRRT
                    POLR1E ANG FTSJ3 CARS2
                               UTP18
```