```
EMB<sub>2</sub>394 RPL14
                                                         ATRBP31 REC3 EMB2654 APUM16
                                                      GAPA PDE328 PSAD-2 AAC1
PUMPKIN ATCAE2 F
                                                   RPL12-C RCA ATCAF2 APUM21 ATNR2
                                                      CRB LHCA3 RPL21C RBCS3B RPS12

YCF4 SDP BSF TIG1 RLM3 PRPS10 RBCS2B

CRR22 AB180 AOAT1 RBCS2B

RPL12 PAB6 PSAC RPS11 RPS15 LHCB4.1
                                                GOX2
                                                                   | | | PETB RP$7.2 / //OTP84
                                                     LHCA1\ PSRP2
                                                ZFN3
                                                    RBCL GR-RBP6 HCF145 RPL9 CP24 EMB3126
                                                                        FD-GOGAT AF
                                                     RHON1
                                               ATPA
                                            ATPE PSBB OEC33 FTSH5 MAP1B

LHB1B2 PSBB OEC33 FTSH5 REC1

CP12

AB140 ATHPR1

RBCS1A SVR3 RPL24 PRPL35 PSAF PSBQ

LOJ HHL1 ATSCO1 CPN60B

AB165 BSM PTAC15 APUM9
                                                                                                                                ATSPS3F
                                                                                                                                 UGT76E11
                                                                                                                                  ATTPS1
                                           CRR21
                                                                                                                                    GATL3 /
                                                                                                                               GALT4
                                             RPS4
AB165 BSM PTAC15
PSAL API
                                                                                                                                          ATCSLD4
                                                                                                                                  ATSUS5 ATHEX3
                                                                                                                               VTC5
                                                                                                                                   ATSPS2F / ATSFR2
                                                                                SRRP1 MORF9 SHM1
                                             PETA
                                                    CREF3
                                                                               PPR4 RPS3
                                                PSBD PGK1 —PRPS6 mRNA binding
                                                                                                                                     /// / UGT73C6
                                                                                     RPS9
EMB3137
RPL32
                                                                                                                                    ATSUS6/ ATFUT2
                                              AHA11
PSAB
                                                                               ATPD ENH1
RPL16 AT'
                                                                   GAPA-2
                                                                                                                                    // UGT73C7 /
                                                                                                                               UGT78D1
GALS1
ATCSLD5
                                                                   ATBCA1
                                                                                          ATRAB8D
                                                                              OTP86
                                                               RPL20 PORA
                                                 PETC EMB3113
                                                                               PSAA
                                                         AEF1 GOX1 PPR_66

PSAE-1
                                                                                                                                      DOGT1 ATCSLB01
                                                                                  PRPS20
OE23
                                                  ATCFM3B
                                                                                                                               ATCSLG2
                                                                         CAB4 MSP-1
                                                            CP22 /
           TRZ4 OVA2
                                                                                                                                               ATPHS2
                                                                                                   PNT1
                                                                 PRPL5 GAPB RPL27 ACO1 OEP6
                                                          GWD//
       PDE319 \ RECQI1
                                                                                                                                      XTH16
                                                                                                  ATGSL1
                                                                CHCB4.2 RPS19 PRPL19
            MOC1
                                                                                                                              UGT88A1
                                                                                                                                            CESA5
                                                              ATOBGC
       ATIPT9
                  CMT1
                                                                                                                                     GATL4
                                                                         PGR3 EMB1270 SVR7
                                                                                                                                                  GGP
                                                          HCF107
PSRP4
                 PHR2
                                               RPOC1
 PRORP1
                                                                             ATPRX HCF173
               RPOC2
                                                 EMB3108
                                                                                                                                         UGT72B3
                                                            RBCS1B CSP41A
        MCM4
                                                                              CFM4 ATPI BPG2
                                                                                                                  hexosyltransferase activity XTH7
                                            SOT1
                                                            RBCS1B

RPL15 LHCB5 ATPPR5 PSAD-1 EMB1865

PSRP6 PSBC
           CMT3
RNC3 ATNS1
                                           EMB1586 CRY3
   ATUNG
                                                                                                                             UGT78D2 BE1
                                                            CP31B CRP1 EMB2784
ATC:AF1 ACSF PP
                                                                                                                                      HYR1 UGT74E2
                                             PDE326
    RFC3
            AGO6 PHR1
                                                   PDE340
                                                                                                                               UGT76E12
                  CHR27
                                                                 CS17 RPS2 ACSF PPR287
                                                                                                                                        SS3 SBE2.2
                                                   RPOB
       MCM6
  ABO4
            MCM3 POLA3
                                                                    RPL23 GHS1 ARRPS1
                                                                                                                                              ATCSLA09
       MAA3
                                                                        LPA66 PSBH
                                                                                                                             XTH25
                                                                                                                                             ATSAGT1
        GYRA
                                                                    CYP20-3 RPL2.1 RPL22
       AGO3
               RPB5D RAD5B
                                                                                                                          ATGSL12
                                                                                                                                      UGT84A3
 EMB2247
                                                                                                                                    PHS1
              EMB2369
   AGO4
                                                                                                                            UGT71B1
                                                                                                                                      ATSS3 GAUT7
                NRPE3B
         TRM13
                                                                                                                         XTH9
               MATK
                                                                                                                                            KNS4
     ATH-
                   catalytic activity, acting on a nucleic acid
                                                                                                                                     CESA10
                                                                                                                          CESA09
              AGO5 MNU1
    EMB2761
                                                                                                                   EMB2797 UGT1 UGT1
ALKBH2
                   CRM2
                                                                                                                                        ATCSLB03
                                                                                                                  ATGSL07
       NRPD2B ATRAD54
                                OVA1
                                                                                                                                       ATCSLA02
       ATERS
              APE1L ÉMB2768
                                                                                                                       ATCSLB04 BRT1
                                                                                                                                      GBSS1
     EMB1030
                              NRPB9A
                                                                                                                   BE3 XTH15 ATSS1
     GYRB2 ATMCM2
                                    ATCPSF73-II
                             ATDDM1
           FEY//
                                      EMB1968
                                                                                                                  114H
                    MEE57
                                                                                                               ATCSLD1 UGT79B2 EXGT-A4
ATCSLC08
                               HIGLE AHG2
        SRS2 / OVA4
                                ATHRS1 RNS3
                         EDD
          RPÓA/
                                                                                                                    ATXT2 UGT76C2
           DDM2 /
                                     ATMTRNASEII
                                    AGO8
          ATRECQ4A/
                           MCM5
                   DRM1 GATB RNE AGO9
                                 GATB RNE GSM1
```

AGO7

MER3

SPO11-2

FIONA OEX2

ATTOPII

MCM7 POLQ PFC1 SIG3 CMT2 TRM10

RNH1C ICU2

ATNRPD1B

DML3 CPZ

APE2

100 150 fold change