

Table 2

TBBPA-induced liver transcripts after 13-weeks of TBBPA dosing (1000 mg/kg).

| Fold Change | ID | Symbol | Entrez Gene Name |
|-------------|--------------|--------------------|---|
| 7.363 | 1367668_a_at | Scd2 | stearoyl-Coenzyme A desaturase 2 |
| 3.428 | 1387283_at | MX18 | MX dynamin-like GTPase 1 |
| 3.264 | 1389034_at | USP18* | ubiquitin specific peptidase 18 |
| 3.065 | 1368736_at | Tsx | testis specific X-linked gene |
| 2.773 | 1371152_a_at | OAS18 | 2'-5'-oligoadenylate synthetase 1, 40/46 kDa |
| 2.633 | 1382314_at | * | ISG15 ubiquitin-like modifier |
| 2.258 | 1371076_at | CYP2B6 | cytochrome P450, family 2, subfamily B, polypeptide 6 |
| 2.199 | 1394401_at | ELOVL6 | ELOVL fatty acid elongase 6 |
| 2.189 | 1382902_at | HERC6* | HECT and RLD domain containing E3 ubiquitin protein ligase family member 6 |
| 1.939 | 1379748_at | IFI44L* | interferon-induced protein 44-like |
| 1.904 | 1383564_at | IRF7* | interferon regulatory factor 7 |
| 1.844 | 1388056_at | Oas1b | 2'-5'-oligoadenylate synthetase 1B |
| 1.833 | 1381556_at | Ddx60* | DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 |
| 1.827 | 1369698_at | ABCC3* | ATP-binding cassette, sub-family C (CFTR/MRP), member 3 |
| 1.826 | 1371015_at | Mx1/Mx2* | MX dynamin-like GTPase 1 |
| 1.734 | 1387137_at | COMP | cartilage oligomeric matrix protein |
| 1.703 | 1377497_at | OASL* | 2'-5'-oligoadenylate synthetase-like |
| 1.666 | 1367707_at | FASN | fatty acid synthase |
| 1.658 | 1370913_at | RSAD2* | radical S-adenosyl methionine domain containing 2 |
| 1.627 | 1376908_at | IFIT3* | interferon-induced protein with tetratricopeptide repeats 3 |
| 1.565 | 1381960_at | ROPN1L | rhopilin associated tail protein 1-like |
| 1.543 | 1381206_at | PLCXD2 | phosphatidylinositol-specific phospholipase C, X domain containing 2 |
| 1.527 | 1383424_at | CMPK2* | cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial |
| 1.500 | 1390127_at | DIXDC1 | DIX domain containing 1 |
| 1.490 | 1391507_at | ZNF4678 | zinc finger protein 467 |
| 1.486 | 1370379_at | PRSS8 | protease, serine, 8 |
| 1.468 | 1376920_at | LOC500013 | similar to sterile alpha motif domain containing 9-like |
| 1.462 | 1388164_at | HLA-E | major histocompatibility complex, class I, E |
| 1.459 | 1391754_at | LOC100910735/Oas1i | 2'-5'-oligoadenylate synthetase 1i |
| 1.455 | 1379656_a_at | CORO2A | coronin, actin binding protein, 2A |
| 1.451 | 1373267_at | SH3YL1 | SH3 and SYLF domain containing 1 |
| 1.433 | 1383357_a_at | RELL1 | RELT-like 1 |
| 1.421 | 1383448_at | IRF98 | interferon regulatory factor 9 |
| 1.415 | 1367854_at | ACLY* | ATP citrate lyase |
| 1.408 | 1381014_at | IFI44* | interferon-induced protein 44 |
| 1.407 | 1367708_a_at | FASN* | fatty acid synthase |
| 1.378 | 1378581_at | CCDC62 | coiled-coil domain containing 62 |
| 1.350 | 1391702_at | ZNF446* | zinc finger protein 446 |
| 1.349 | 1371694_at | DPYSL2 | dihydropyrimidinase-like 2 |
| 1.346 | 1369716_s_at | Lgals5 | lectin, galactose binding, soluble 5 |
| 1.332 | 1390312_at | LOC684193 | similar to sterile alpha motif domain containing 9-like |
| 1.328 | 1385252_at | TRIM6-TRIM34 | TRIM6-TRIM34 readthrough |
| 1.320 | 1393044_at | CMPK2 | cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial |
| 1.314 | 1380071_at | PARP12* | poly (ADP-ribose) polymerase family, member 12 |
| 1.299 | 1373514_at | RNF213* | ring finger protein 213 |
| 1.287 | 1388152_at | MAP2* | microtubule-associated protein 2 |
| 1.269 | 1388979_at | SMNDC1 | survival motor neuron domain containing 1 |
| 1.266 | 1373506_at | FAM102A | family with sequence similarity 102, member A |
| 1.247 | 1371901_at | DDHD2 | DDHD domain containing 2 |
| 1.247 | 1391463_at | Ddx588 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 |
| 1.245 | 1390641_at | ZNF346 | zinc finger protein 346 |
| 1.237 | 1377878_at | FGFBP3 | fibroblast growth factor binding protein 3 |
| 1.236 | 1372705_at | CHERP | calcium homeostasis endoplasmic reticulum protein |
| 1.225 | 1374337_at | RNF2138 | ring finger protein 213 |
| 1.224 | 1368835_at | STAT1* | signal transducer and activator of transcription 1, 91 kDa |
| 1.222 | 1370803_at | ZWINT8 | ZW10 interacting kinetochore protein |
| 1.220 | 1373090_at | SSR1 | signal sequence receptor, alpha |
| 1.215 | 1397764_at | KCTD5 | potassium channel tetramerization domain containing 5 |
| 1.215 | 1389883_at | TMEM65 | transmembrane protein 65 |
| 1.212 | 1383621_at | MBTPS2 | membrane-bound transcription factor peptidase, site 2 |
| 1.211 | 1372930_at | SP110* | SP110 nuclear body protein |
| 1.210 | 1373288_at | ST5* | suppression of tumorigenicity 5 |
| 1.203 | 1376339_at | WWC3* | WWC family member 3 |
| 1.200 | 1398435_at | SLC22A15* | solute carrier family 22, member 15 |
| 1.199 | 1371996_at | AEBP2 | AE binding protein 2 |
| 1.198 | 1372779_at | B3GNT2* | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 |
| 1.198 | 1383034_at | Rybp* | RING1 and YY1 binding protein |
| 1.195 | 1367693_at | YWHAH | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta |
| 1.194 | 1395081_at | NCOA7* | nuclear receptor coactivator 7 |
| 1.187 | 1399157_at | URI1 | URI1, prefoldin-like chaperone |
| 1.184 | 1369559_a_at | CD47* | CD47 molecule |
| 1.180 | 1369978_at | PRPSAP2 | phosphoribosyl pyrophosphate synthetase-associated protein 2 |
| 1.177 | 1382540_at | PRPF40A | PRP40 pre-mRNA processing factor 40 homolog A (S. cerevisiae) |
| 1.174 | 1394761_at | ARHGAP42 | Rho GTPase activating protein 42 |
| 1.172 | 1374482_at | CTPS2 | CTP synthase 2 |
| 1.172 | 1382177_at | PML* | promyelocytic leukemia |

Table 2 (Continued)

| Fold Change | ID | Symbol | Entrez Gene Name |
|-------------|--------------|-----------------|--|
| 1.169 | 1383158_at | AGFG1 | ArfGAP with FG repeats 1 |
| 1.168 | 1380960_at | CORO2A | coronin, actin binding protein, 2A |
| 1.167 | 1388997_at | ARF3 | ADP-ribosylation factor 3 |
| 1.166 | 1387770_at | Ifi27* | interferon, alpha-inducible protein 27 |
| 1.163 | 1384362_at | ZBTB24 | zinc finger and BTB domain containing 24 |
| 1.159 | 1375431_at | C2orf69 | chromosome 2 open reading frame 69 |
| 1.157 | 1370244_at | CTSV* | cathepsin V |
| 1.156 | 1374815_at | STARD3NL | STARD3 N-terminal like |
| 1.155 | 1389686_at | PRKX | protein kinase, X-linked |
| 1.152 | 1373563_at | SNRNP27 | small nuclear ribonucleoprotein 27 kDa (U4/U6.U5) |
| 1.151 | 1376492_at | UNKL | unkempt family zinc finger-like |
| 1.150 | 1392916_at | MAP7 | microtubule-associated protein 7 |
| 1.148 | 1370351_at | TDRD78 | tudor domain containing 7 |
| 1.147 | 1379669_at | ARHGAP42 | Rho GTPase activating protein 42 |
| 1.147 | 1373670_at | STAT2* | signal transducer and activator of transcription 2, 113 kDa |
| 1.146 | 1389646_at | CDC23 | cell division cycle 23 |
| 1.142 | 1388930_at | TMEM123 | transmembrane protein 123 |
| 1.131 | 1372360_at | ABI1 | abl-interactor 1 |
| 1.128 | 1390387_at | SH3D19 | SH3 domain containing 19 |
| 1.119 | 1374637_at | TMCO6 | transmembrane and coiled-coil domains 6 |
| 1.115 | 1374707_at | CCAR2 | cell cycle and apoptosis regulator 2 |
| 1.113 | 1374406_at | KLHDC2* | kelch domain containing 2 |
| 1.112 | 1384022_at | AGFG1 | ArfGAP with FG repeats 1 |
| 1.104 | 1368217_at | RALBP1* | ralA binding protein 1 |
| 1.101 | 1373974_at | OSBP | oxysterol binding protein |
| 1.099 | 1375639_at | E2F6 | E2F transcription factor 6 |
| 1.080 | 1384971_at | DEPDC7 | DEP domain containing 7 |
| 1.102 | 1383244_at | IQCE* | IQ motif containing E |
| 1.122 | 1393123_at | C8G | complement component 8, gamma polypeptide |
| 1.125 | 1369898_a_at | GIP | gastric inhibitory polypeptide |
| 1.137 | 1371916_at | MSRB* | methionine sulfoxide reductase B1 |
| 1.137 | 1380624_at | VANGL1 | VANGL planar cell polarity protein 1 |
| 1.145 | 1370682_at | LILRA6* | leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 6 |
| 1.146 | 1376761_at | HDAC4 | histone deacetylase 4 |
| 1.152 | 1370202_at | PLA2G16* | phospholipase A2, group XVI |
| 1.156 | 1368399_a_at | CPQ* | carboxypeptidase Q |
| 1.160 | 1370853_at | CAMK2N1 | calcium/calmodulin-dependent protein kinase II inhibitor 1 |
| 1.160 | 1370267_at | GSK3B | glycogen synthase kinase 3 beta |
| 1.168 | 1376410_at | MMP17 | matrix metalloproteinase 17 (membrane-inserted) |
| 1.170 | 1398351_at | USP7 | ubiquitin specific peptidase 7 (herpes virus-associated) |
| 1.174 | 1367586_at | Ldha/RGD1562690 | lactate dehydrogenase A |
| 1.176 | 1377112_at | CDA* | cytidine deaminase |
| 1.194 | 1399070_at | SETD5 | SET domain containing 5 |
| 1.199 | 1372490_at | GPD1L* | glycerol-3-phosphate dehydrogenase 1-like |
| 1.207 | 1368190_at | REN | renin |
| 1.220 | 1383989_at | SOX4* | SRY (sex determining region Y)-box 4 |
| 1.222 | 1372195_at | TNNC2* | troponin C type 2 (fast) |
| 1.245 | 1396188_at | RHOJ | ras homolog family member J |
| 1.253 | 1381193_at | LPGAT1* | lysophosphatidylglycerol acyltransferase 1 |
| 1.253 | 1374048_at | NRTN | neurturin |
| 1.263 | 1370375_at | GLS2 | glutaminase 2 (liver, mitochondrial) |
| 1.292 | 1393949_at | HYAL3 | hyaluronoglucosaminidase 3 |
| 1.293 | 1382981_at | AHI1 | Abelson helper integration site 1 |
| 1.317 | 1374073_at | SLC46A1 | solute carrier family 46 (folate transporter), member 1 |
| 1.349 | 1387307_at | HAL* | histidine ammonia-lyase |
| 1.445 | 1397552_at | EML4 | echinoderm microtubule associated protein like 4 |
| 1.451 | 1387656_at | SLC4A1 | solute carrier family 4 (anion exchanger), member 1 (Diego blood group) |
| 1.503 | 1393971_at | LOC102549203 | uncharacterized LOC102549203 |
| 1.658 | 1393910_at | Fam13a* | family with sequence similarity 13, member A |
| 1.736 | 1387052_at | GPT | glutamic-pyruvate transaminase (alanine aminotransferase) |
| 1.801 | 1368520_at | APOA4 | apolipoprotein A-IV |
| 1.809 | 1387391_at | CDKN1A* | cyclin-dependent kinase inhibitor 1A (p21, Cip1) |

*Interferon pathway transcript.