

Intersection between Pollard et al. (2006) and differential expression

Gene	PANTHER Biological Process
AMY1A	Glycogen metabolism;Carbohydrate metabolism
BBX	Nucleoside
BRUNOL4	Nucleoside
CSORF36	Biological process unclassified
C6ORF105	Biological process unclassified
CENPC1	Chromosome segregation;Cell cycle;Mitosis
DGKG	Lipid
DNAJB9	Protein folding;Protein metabolism and modification
EFNA5	Ligand-mediated signaling;Ectoderm development;Neurogenesis
ELAC2	Nucleoside
EPHA5	Protein phosphorylation;Protein modification
ERBB4	Cell cycle control;Oogenesis;Protein phosphorylation
FAM53A	Biological process unclassified
FSTL4	Homeostasis
GPC6	Cell adhesion
LPHN2	Exocytosis;Regulated exocytosis;Neurotransmitter release
MAD1L1	Cell cycle;Mitosis
METTL8	Biological process unclassified
MKNK1	Protein phosphorylation;Developmental processes;Protein metabolism and modification
NFIA	Nucleoside
NRP2	Angiogenesis;Mesoderm development
REV3L	Nucleoside
RPA3	Biological process unclassified
RUNX1T1	Nucleoside
SETBP1	Nucleoside
SNX19	Transport;Intracellular protein traffic
SUCLG2	Coenzyme and prosthetic group metabolism;Carbohydrate metabolism
TMCC3	Biological process unclassified
TOP1	General mRNA transcription activities;mRNA transcription
TPK1	Miscellaneous
TSNARE1	Biological process unclassified
UBE2E3	Protein modification;Protein metabolism and modification
ZNF281	Nucleoside
ZNF608	Developmental processes;Ectoderm development;Neurogenesis
ZNF770	Biological process unclassified

Intersection between Haygood et al. (2007) and differential expression

ABHD5	Proteolysis;Protein metabolism and modification
ACADSB	Electron transport;Lipid
ADAT2	Nucleoside
AFAP1L1	Biological process unclassified
ALDH7A1	Other metabolism
ALG6	Protein glycosylation;Protein metabolism and modification
APIP	Carbohydrate metabolism
AQP11	Biological process unclassified
ARHGAP27	Intracellular signaling cascade;Signal transduction
ARHGAP4	Cell adhesion;Cell cycle;Cell proliferation and differentiation
ASB2	Biological process unclassified
AZI2	Cell communication;Signal transduction
BAI2	Cell adhesion;Cell surface receptor mediated signal transduction
BRD7	Biological process unclassified
BST1	Other metabolism
C11ORF47	Biological process unclassified
C12ORF43	Biological process unclassified
C14ORF126	Biological process unclassified
C18ORF22	Biological process unclassified
C10RF102	Biological process unclassified
C3ORF14	Biological process unclassified
C9ORF85	Biological process unclassified
CAT	Immunity and defense;Electron transport;Lipid
CCDC50	Biological process unclassified
CCDC99	Biological process unclassified
CD58	Biological process unclassified
CLGN	Exocytosis;Intracellular protein traffic
CLU	Apoptosis
COPS8	Biological process unclassified
CTPS	Nucleoside
DUOX1	Biological process unclassified
EMILIN2	Cell adhesion
FAM62C	Biological process unclassified
FBXO15	Biological process unclassified
FGF9	Receptor protein tyrosine kinase signaling pathway;Signal transduction
FUNDC1	Biological process unclassified
GCSH	Amino acid metabolism;Amino acid catabolism
HSDL1	Steroid metabolism;Lipid
IFI35	Interferon-mediated immunity;Immunity and defense
ISY1	Biological process unclassified
ITGA5	Cell adhesion
KAT2A	Biological process unclassified
LDHA	Glycolysis;Carbohydrate metabolism
LOC126147	Biological process unclassified
MAGOH	Oogenesis;Gametogenesis
MAGOHB	Oogenesis;Gametogenesis
MAT2A	Amino acid metabolism;Other amino acid metabolism
ME2	Cell adhesion;Ectoderm development;Neurogenesis=
MFGE8	Angiogenesis;Signal transduction
MRPS9	Protein biosynthesis;Protein metabolism and modification
NDUFB8	Electron transport;Oxidative phosphorylation
NDUFV1	Electron transport;Oxidative phosphorylation
NPHS1	Cell adhesion
NRBP2	Protein phosphorylation;Protein modification;Protein metabolism and modification
ORAOV1	Biological process unclassified
OSTM1	Biological process unclassified
PARK7	mRNA transcription;Stress response;Immunity and defense;Nucleoside
PCBD1	Nucleoside
PEX3	Biological process unclassified
PFDN1	Cell cycle;Protein folding;Protein metabolism and modification
PIK3IP1	Biological process unclassified
RAB28	Intracellular protein traffic;Endocytosis
RAB3A	Intracellular protein traffic;Endocytosis
RBBP9	Biological process unclassified
RBMS2	Nucleoside
RPL14	Protein biosynthesis;Protein metabolism and modification
RPS16	Protein biosynthesis;Protein metabolism and modification
RSL1D1	Protein biosynthesis;Protein metabolism and modification
SCRG1	Biological process unclassified
SEC23IP	Intracellular protein traffic;General vesicle transport
SEC31B	Exocytosis;Intracellular protein traffic;General vesicle transport
SERBP1	Biological process unclassified
SETD2	Nucleoside
SLC9A3R2	Biological process unclassified
SNX19	Transport;Intracellular protein traffic;
SON	Biological process unclassified
SP100	Nucleoside
SPATA7	Biological process unclassified
SULT1A2	Steroid metabolism;Lipid
SYT2	Exocytosis;Regulated exocytosis;Neurotransmitter release
TAOK3	Phosphate metabolism;Protein phosphorylation
TERF1	Nucleoside
TMEM161A	Biological process unclassified
TOMM40	Intracellular protein traffic;Mitochondrial transport
TOP3B	Nucleoside
TRDMT1	Nucleoside
TRIM39	Proteolysis;Protein metabolism and modification
TXLNA	Intracellular protein traffic;General vesicle transport
UROC1	Biological process unclassified
USP19	Proteolysis;Protein metabolism and modification
WBP1	Biological process unclassified
WDR19	Biological process unclassified
ZBTB41	Biological process unclassified
ZC3H8	Biological process unclassified
ZDHHC9	Biological process unclassified
ZNF37A	Spermatogenesis and motility;mRNA transcription
ZNF783	Biological process unclassified

Table 2.