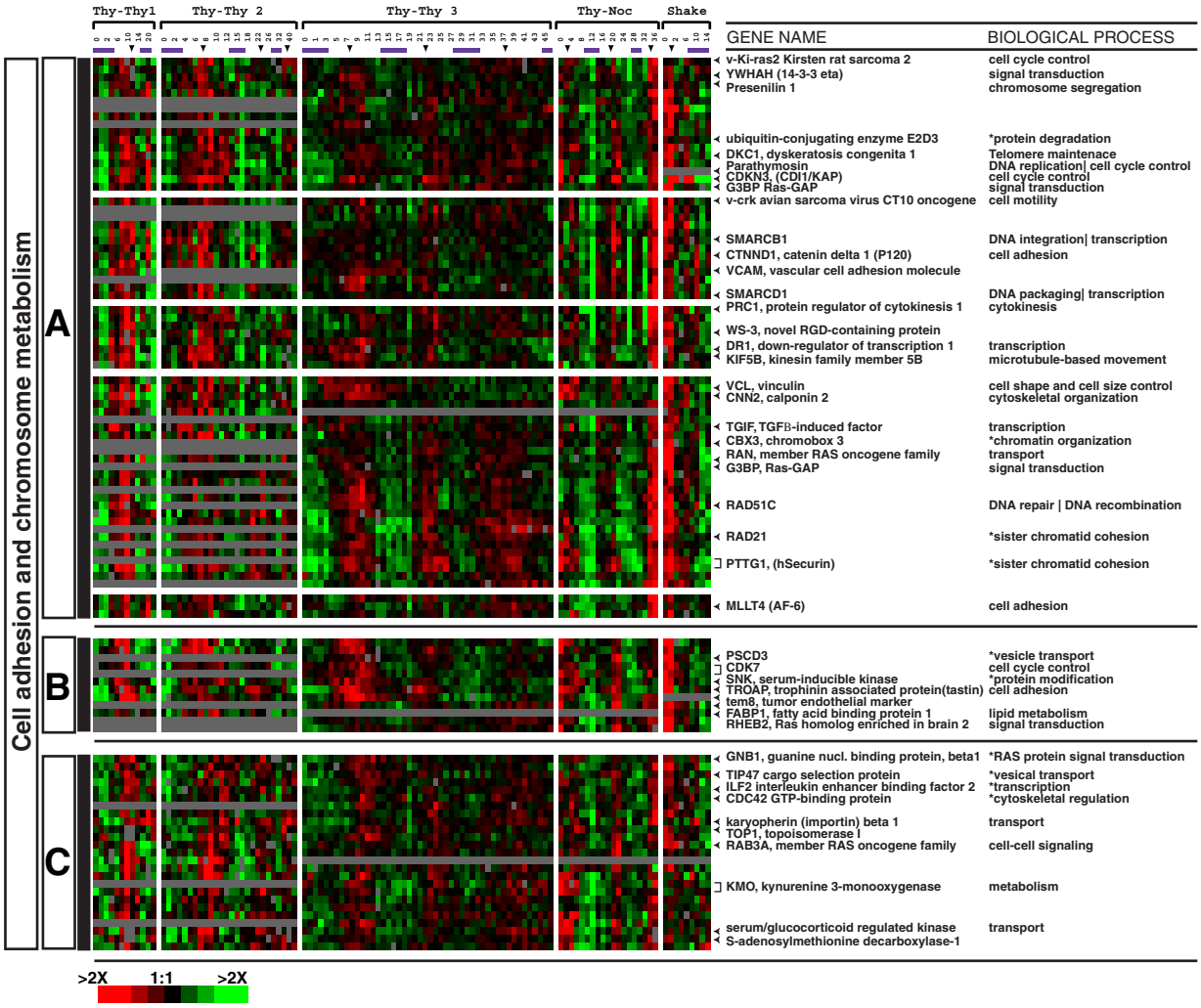
FIGURE 8


Thy-Thy1
Thy-Thy 2
Thy-Thy 3
Thy-Noc
Shake
GENE NAME
BIOLOGICAL PROCESS
Cell adhesion and chromosome metabolism
A
B
C
v-Ki-ras2 Kirsten rat sarcoma 2 — cell cycle control
YWHAH (14-3-3 eta) — signal transduction
Presenilin 1 — chromosome segregation
ubiquitin-conjugating enzyme E2D3 — *protein degradation
DKC1, dyskeratosis congenita 1 — Telomere maintenace
Parathymosin — DNA replication| cell cycle control
CDKN3, (CDI1/KAP) — cell cycle control
G3BP Ras-GAP — signal transduction
v-crk avian sarcoma virus CT10 oncogene — cell motility
SMARCB1 — DNA integration| transcription
CTNND1, catenin delta 1 (P120) — cell adhesion
VCAM, vascular cell adhesion molecule
SMARCD1 — DNA packaging| transcription
PRC1, protein regulator of cytokinesis 1 — cytokinesis
WS-3, novel RGD-containing protein
DR1, down-regulator of transcription 1 — transcription
KIF5B, kinesin family member 5B — microtubule-based movement
VCL, vinculin — cell shape and cell size control
CNN2, calponin 2 — cytoskeletal organization
TGIF, TGFB-induced factor — transcription
CBX3, chromobox 3 — *chromatin organization
RAN, member RAS oncogene family — transport
G3BP, Ras-GAP — signal transduction
RAD51C — DNA repair | DNA recombination
RAD21 — *sister chromatid cohesion
PTTG1, (hSecurin) — *sister chromatid cohesion
MLLT4 (AF-6) — cell adhesion
PSCD3 — *vesicle transport
CDK7 — cell cycle control
SNK, serum-inducible kinase — *protein modification
TROAP, trophinin associated protein(tastin) — cell adhesion
tem8, tumor endothelial marker
FABP1, fatty acid binding protein 1 — lipid metabolism
RHEB2, Ras homolog enriched in brain 2 — signal transduction
GNB1, guanine nucl. binding protein, beta1 — *RAS protein signal transduction
TIP47 cargo selection protein — *vesical transport
ILF2 interleukin enhancer binding factor 2 — *transcription
CDC42 GTP-binding protein — *cytoskeletal regulation
karyopherin (importin) beta 1 — transport
TOP1, topoisomerase I
RAB3A, member RAS oncogene family — cell-cell signaling
KMO, kynurenine 3-monooxygenase — metabolism
serum/glucocorticoid regulated kinase — transport
S-adenosylmethionine decarboxylase-1
>2X
1:1
>2X