

**Table S4: Candidate proteins from cytoskeleton, translation, mRNA, membrane, and release protein groups**

**Candidate proteins from Figure 3B: proteins that increased at least 1.2 fold once, with at least 2 experiments showing an increase that are classified as cytoskeletal-related (blue), translation-related (yellow), vesicle release-related (purple), mRNA-related (green) or membrane-related (red). Coloring corresponds to that shown in Figure 3B.**

	classification
Actc1	cytoskeleton
Actin filament-associated protein 1	cytoskeleton
Actin related protein 2/3 complex, subunit 3;Actin related protein 2/3 complex, subunit 3 (Predicted), isoform CRA_b	cytoskeleton
Actin-depolymerizing factor;Destrin	cytoskeleton
Add2, Isoform 1 of Beta-adducin	cytoskeleton
Anapc2 protein	cytoskeleton
Arhgef7 protein	cytoskeleton
Arms	cytoskeleton
Arp2/3 complex 16 kDa subunit	cytoskeleton
Astrocytic phosphoprotein PEA-15	cytoskeleton
B-dynamin;D100;Dynamin, brain;Dynamin-1	cytoskeleton
Beta SpIII sigma 1	cytoskeleton
Calcium/calmodulin-dependent protein kinase type II subunit alpha	cytoskeleton
Calponin	cytoskeleton
catenin, alpha 2	cytoskeleton
Cofilin, non-muscle isoform;Cofilin-1	cytoskeleton
Collapsin response mediator protein 1	cytoskeleton
Collapsin response mediator protein 2;Dihydropyrimidinase-related protein 2;Turned on after division 64 kDa protein	cytoskeleton
Conventional kinesin heavy chain	cytoskeleton
Coronin-1A	cytoskeleton
Coronin-1B	cytoskeleton
Cttn	cytoskeleton
Cttnbp2nl	cytoskeleton
Cytoplasmic dynein 1 heavy chain 1;Cytoplasmic dynein heavy chain 1;Dynein heavy chain, cytosolic;MAP 1C;Dynein heavy chain	cytoskeleton
Cytoplasmic dynein 1 light intermediate chain 1	cytoskeleton
cytoskeleton-associated protein 4	cytoskeleton
dachsous 1	cytoskeleton
Developmentally-regulated brain protein	cytoskeleton
Dihydropyrimidinase-related protein 5;UNC33-like phosphoprotein 6;Dihydropyrimidinase-related protein	cytoskeleton
doublecortin	cytoskeleton
Dynamin-1-like protein;Dynamin-like protein	cytoskeleton
Dynein light chain 1, cytoplasmic	cytoskeleton

EB1 protein family member 3	cytoskeleton
Ena/VASP-like protein	cytoskeleton
Ephexin-1;Eph-interacting exchange protein;Neuronal guanine nucleotide exchange factor	cytoskeleton
F-actin-capping protein subunit alpha-1	cytoskeleton
Fascin;Basophilic leukemia expressed sequence 06	cytoskeleton
Formin-binding protein 1-like;Transducer of Cdc42-dependent actin assembly protein 1	cytoskeleton
Gamma-adducin	cytoskeleton
heat shock protein 1	cytoskeleton
Hematopoietic system regulatory peptide	cytoskeleton
Hepatoma-derived growth factor-related protein	cytoskeleton
Actin-related protein 2/3 complex subunit 5-like protein	cytoskeleton
Intersectin-1	cytoskeleton
Isoform 2 of Gephyrin	cytoskeleton
KARP-1-binding protein 1	cytoskeleton
Kinesin heavy chain isoform 5C;Kinesin heavy chain neuron-specific 2	cytoskeleton
Kinesin-2;Kinesin-like protein KIF2A	cytoskeleton
Map1a	cytoskeleton
Mark3	cytoskeleton
Microtubule-associated protein 2	cytoskeleton
Microtubule-associated protein RP/EB family member 1	cytoskeleton
Myosin regulatory light chain 12B	cytoskeleton
Nckap1 protein	cytoskeleton
Neuronal protein 22;Neuronal protein NP25;Transgelin-3	cytoskeleton
Pak1	cytoskeleton
plexin A2	cytoskeleton
Profilin II;Profilin-2	cytoskeleton
Protein linking IAP with cytoskeleton 1	cytoskeleton
Protein-L-isoaspartate(D-aspartate) O-methyltransferase	cytoskeleton
RAB10, member RAS oncogene family;Ac1075;Ras-related protein Rab-10	cytoskeleton
Radixin	cytoskeleton
RCG53953, isoform CRA_a;Tubulin folding cofactor B;ZH14 protein;Liver cancer-related protein	cytoskeleton
Rho GDP-dissociation inhibitor 1;Rho-GDI alpha	cytoskeleton
similar to Wiskott-Aldrich syndrome protein-interacting protein	cytoskeleton
Spectrin alpha chain, non-erythrocytic 1	cytoskeleton
T beta-15;Tubulin beta-2B chain	cytoskeleton
Tbc1d17	cytoskeleton
Tpm1	cytoskeleton

Trio	cytoskeleton
Tropomodulin-2	cytoskeleton
Ttl12	cytoskeleton
Ttn	cytoskeleton
Tuba4a	cytoskeleton
Tubulin beta-2A chain;Tubulin, beta 6	cytoskeleton
Tubulin beta-2C chain	cytoskeleton
Tyrosine-protein phosphatase non-receptor type 23 IPI00561918	cytoskeleton cytoskeleton
zyxin	cytoskeleton
Ccdc6	cytoskeleton
Hemoglobin alpha, adult chain 2	cytoskeleton
Tubulin-specific chaperone D	cytoskeleton
Snx4	cytoskeleton
Synapsin II;Synapsin-2	cytoskeleton
40S ribosomal protein S11;Ribosomal protein S11	translation
40S ribosomal protein S13	translation
40S ribosomal protein S15;RIG protein;S15 ribosomal protein	translation
40S ribosomal protein S24	translation
40S ribosomal protein S8;Ribosomal protein S8	translation
60 kDa chaperonin;60 kDa heat shock protein, mitochondrial;Chaperonin 60;Heat shock protein 60;HSP-65;Mitochondrial matrix protein P1	translation
60S acidic ribosomal protein P1	translation
60S acidic ribosomal protein P2	translation
Alanyl-tRNA synthetase, cytoplasmic;69 kDa protein	translation
Arginyl-tRNA--protein transferase 1	translation
Aspartyl-tRNA synthetase	translation
CALBP;Calcium-binding protein 3;Calregulin;Calreticulin;CRP55;Endoplasmic reticulum resident protein 60;HACBP	translation
CCT-alpha;T-complex protein 1 subunit alpha	translation
CCT-delta;T-complex protein 1 subunit delta	translation
CCT-gamma;T-complex protein 1 subunit gamma	translation
IPI00365169	translation
D-tyrosyl-tRNA deacylase 1	translation
eeF1A	translation
eIF-4D;Eukaryotic initiation factor 5A isoform 1;Eukaryotic translation initiation factor 5A-1;Eukaryotic translation initiation factor 5A isoform II	translation
eif1b	translation
eif2a	translation

eIF3 p40 subunit;eIF-3-gamma;Eukaryotic translation initiation factor 3 subunit 3;Eukaryotic translation initiation factor 3 subunit H	translation
Eif3d;Eif3s7	translation
Eif3j;Eif3s1	translation
Eif4g2 protein	translation
Emc6	translation
Epoxide hydrolase 1	translation
IPI00876578	translation
ER membrane protein complex subunit 2	translation
Eukaryotic translation initiation factor 4A1;Translation initiation factor 4A, isoform 1	translation
Eukaryotic translation initiation factor 4H;Williams-Beuren syndrome chromosomal region 1 protein homolog	translation
Fkbp1;Fkbp1a	translation
Guanine nucleotide-binding protein subunit beta-2-like 1	translation
Guanine nucleotide-binding protein-like 1;Gnl1 protein	translation
Heat shock 70 kDa protein 4;Ischemia responsive 94 kDa protein	translation
Heat shock 70 kDa protein 9;	translation
Hspa4l	translation
IPI00870393	translation
Leucine-rich repeat-containing protein 47	translation
methionyl-tRNA synthetase	translation
microsomal gst	translation
NADPH--cytochrome P450 reductase	translation
neutral alpha-glucosidase AB	translation
Nucleolin	translation
Ppig	translation
Prefoldin subunit 2	translation
Proliferation-associated 2G4	translation
Protein transport protein Sec61 subunit alpha isoform 1	translation
Psat1	translation
Qars	translation
Reticulon-1	translation
Rpl3	translation
Rpl8	translation
Rps6	translation
Rbp1 ribosome binding protein 1	translation
Serine--tRNA ligase;Seryl-tRNA synthetase, cytoplasmic;Seryl-tRNA(Ser/Sec) synthetase	translation
TCP1-chaperonin cofactor A;Tubulin-folding cofactor A;Tubulin-specific chaperone A	translation
Transmembrane protein 43	translation

TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae)	translation
Tubulin folding cofactor C	translation
Ubiquitin-like domain-containing CTD phosphatase 1	translation
Vacuole membrane protein 1	translation
Valine--tRNA ligase;Valyl-tRNA synthetase;Vars protein Rcn2	translation
Retinol dehydrogenase 11	translation
ADP-ribosylation factor-like 6 interacting protein 1	translation
Deoxyhypusine hydroxylase	translation
B-cell receptor-associated protein 31	translation
Transmembrane emp24 domain-containing protein 7	translation
Adaptin ear-binding coat-associated protein 1	release
GTP-binding protein Rab-3D	release
Synapsin I;Synapsin-1	release
Synapsin-3	release
synaptogyrin 3	release
Synaptogyrin-1	release
granulins	release
Proenkephalin-A	release
Pleiotrophin	release
complexin 2	release
Protein Elavl3	mRNA
Heterogeneous nuclear ribonucleoprotein R	mRNA
Calcium-regulated heat stable protein 1	mRNA
Paraspeckle component 1	mRNA
TROVE domain family, member 2	mRNA
<a href="#">U12-type spliceosomal complex</a>	mRNA
Non-POU domain-containing octamer-binding protein	mRNA
LSM5 homolog	mRNA
RQCD1	mRNA
NOP58 ribonucleoprotein	mRNA
Spliceosome RNA helicase Bat1;	mRNA
Cleavage and polyadenylation specificity factor subunit 7	mRNA
Small nuclear ribonucleoprotein D2	mRNA
GTP-binding protein 1	mRNA
PrPf8	mRNA
Sf3b2	mRNA

Srpk2 SRSF	mRNA
Ddx23 protein	mRNA
CELF1	mRNA
Splicing factor, arginine/serine-rich 7	mRNA
Ddx5;rCG_35034	mRNA
U2surp	mRNA
Ascc3l1 protein	mRNA 11/20/2013
Ppih	mRNA
Rbmx1	mRNA
Snrpf	mRNA
Sfrs1	mRNA
Citrate hydro-lyase;Cytoplasmic aconitate hydratase;Iron regulatory protein 1;Iron-responsive element-binding protein 1	mRNA
Pum2	mRNA
99 kDa protein;98 kDa protein;DIS3 mitotic control homolog (S. cerevisiae)-like 2	mRNA
Cleavage and polyadenylation specificity factor subunit 6	mRNA
4F2 cell-surface antigen heavy chain	membrane
Activated leukocyte cell adhesion molecule	membrane
Atad1	membrane
BDNF/NT-3 growth factors receptor;GP145-TrkB/GP95-TrkB;Neurotrophic tyrosine kinase receptor type 2;TrkB tyrosine kinase;GP145-TrkC;Neurotrophic tyrosine kinase receptor type 3;TrkC tyrosine kinase	membrane
Cell adhesion molecule 3	membrane
Cell cycle exit and neuronal differentiation protein 1	membrane
Dlg3	membrane
Ephrin-B1	membrane
Epidermal growth factor receptor	membrane
Fxyd6	membrane
Gamma-aminobutyric acid receptor subunit beta-3	membrane
Igsf3	membrane
Itfg1	membrane
LOC683667 protein	membrane
Membrane magnesium transporter 1;Transmembrane protein 32	membrane
Ncam1	membrane
Netrin receptor DCC	membrane
Neuronal membrane glycoprotein M6-b	membrane
Neuroplastin	membrane
Neutral amino acid transporter ASCT1	membrane

Nlgn2	membrane
nodal modulator 1	membrane
Opioid growth factor receptor	membrane
Plexin B2	membrane
Polyposis locus protein 1 homolog;Receptor expression-enhancing protein 5	membrane
PPFIA3	membrane
Sec61a2	membrane
Transferrin receptor protein 1	membrane
Transmembrane 9 superfamily member 4	membrane
Vacuolar proton pump subunit C 1;V-type proton ATPase subunit C 1	membrane
Vesicular inhibitory amino acid transporter	membrane
Vta1	membrane

**Medium stringency candidate proteins: proteins that increased at least 1.2 fold once, with all measured experiments showing an increase (2/2 or 3/3) that are classified as cytoskeletal-related (blue), translation-related (yellow), vesicle release-related (purple), mRNA-related (green) or membrane-related (red).**

**Coloring corresponds to that shown in Figure 3B.**

	<b>classification</b>
Collapsin response mediator protein 1	cytoskeleton
Tropomodulin-2	cytoskeleton
Calcium/calmodulin-dependent protein kinase type II subunit alpha	cytoskeleton
Add2, Isoform 1 of Beta-adducin	cytoskeleton
Kinesin heavy chain isoform 5C;Kinesin heavy chain neuron-specific 2	cytoskeleton
Actc1	cytoskeleton
Dynein light chain 1, cytoplasmic	cytoskeleton
Protein linking IAP with cytoskeleton 1	cytoskeleton
Calponin	cytoskeleton
Actin filament-associated protein 1	cytoskeleton
Mark3	cytoskeleton
Gamma-adducin	cytoskeleton
Coronin-1A	cytoskeleton
Neuronal protein 22;Neuronal protein NP25;Transgelin-3	cytoskeleton
Microtubule-associated protein RP/EB family member 1	cytoskeleton
Cytoplasmic dynein 1 light intermediate chain 1	cytoskeleton
Isoform 2 of Gephyrin	cytoskeleton
Hematopoietic system regulatory peptide	cytoskeleton
Microtubule-associated protein 2	cytoskeleton
Developmentally-regulated brain protein	cytoskeleton
Dihydropyrimidinase-related protein 5;UNC33-like phosphoprotein 6;Dihydropyrimidinase-related protein	cytoskeleton
EB1 protein family member 3	cytoskeleton
Ttll12	cytoskeleton
Tuba4a	cytoskeleton
plexin A2	cytoskeleton
RCG53953, isoform CRA_a;Tubulin folding cofactor B;ZH14 protein;Liver cancer-related protein	cytoskeleton
Tbc1d17	cytoskeleton
Kinesin-2;Kinesin-like protein KIF2A	cytoskeleton
Cttnbp2nl	cytoskeleton
Anapc2 protein	cytoskeleton
Tpm1	cytoskeleton
Tubulin beta-2C chain	cytoskeleton
Myosin regulatory light chain 12B	cytoskeleton
Intersectin-1	cytoskeleton



Astrocytic phosphoprotein PEA-15	cytoskeleton
Protein-L-isoaspartate(D-aspartate) O-methyltransferase	cytoskeleton
Cttn	cytoskeleton
IPI00561918	cytoskeleton
Actin-related protein 2/3 complex subunit 5-like protein	cytoskeleton
similar to Wiskott-Aldrich syndrome protein-interacting protein	cytoskeleton
heat shock protein 1	cytoskeleton
Trio	cytoskeleton
Actin related protein 2/3 complex, subunit 3;Actin related protein 2/3 complex, subunit 3 (Predicted), isoform CRA_b	cytoskeleton
Tyrosine-protein phosphatase non-receptor type 23	cytoskeleton
F-actin-capping protein subunit alpha-1	cytoskeleton
Collapsin response mediator protein 2;Dihydropyrimidinase-related protein 2;Turned on after division 64 kDa protein	cytoskeleton
catenin, alpha 2	cytoskeleton
doublecortin	cytoskeleton
Arms	cytoskeleton
Cofilin, non-muscle isoform;Cofilin-1	cytoskeleton
Snx4	cytoskeleton
Ttn	cytoskeleton
Spectrin alpha chain, non-erythrocytic 1	cytoskeleton
40S ribosomal protein S8;Ribosomal protein S8	translation
Qars	translation
CALBP;Calcium-binding protein 3;Calregulin;Calreticulin;CRP55;Endoplasmic reticulum resident protein 60;HACBP	translation
eif2a	translation
Ppig	translation
Emc6	translation
eif1b	translation
60S acidic ribosomal protein P1	translation
neutral alpha-glucosidase AB	translation
Prefoldin subunit 2	translation
microsomal gst	translation
Tubulin folding cofactor C	translation
Epoxide hydrolase 1	translation
Vacuole membrane protein 1	translation
eIF-4D;Eukaryotic initiation factor 5A isoform 1;Eukaryotic translation initiation factor 5A-1;Eukaryotic translation initiation factor 5A isoform II	translation
Reticulon-1	translation
Guanine nucleotide-binding protein-like 1;Gnl1 protein	translation
Guanine nucleotide-binding protein subunit beta-2-like 1	translation
NADPH-cytochrome P450 reductase	translation

Protein transport protein Sec61 subunit alpha isoform 1	translation
Fkbp1;Fkbp1a	translation
Nucleolin	translation
60 kDa chaperonin;60 kDa heat shock protein, mitochondrial;Chaperonin 60;Heat shock protein 60;HSP-65;Mitochondrial matrix protein P1	translation
Transmembrane protein 43	translation
Alanyl-tRNA synthetase, cytoplasmic;69 kDa protein	translation
Eif3j;Eif3s1	translation
IPI00365169	translation
ER membrane protein complex subunit 2	translation
Eif3d;Eif3s7	translation
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Heat shock 70 kDa protein 4;Ischemia responsive 94 kDa protein	translation
Rpl3	translation
TCP1-chaperonin cofactor A;Tubulin-folding cofactor A;Tubulin-specific chaperone A	translation
Leucine-rich repeat-containing protein 47	translation
40S ribosomal protein S13	translation
Rrbp1 ribosome binding protein 1	translation
IPI00870393	translation
IPI00876578	translation
Eif4g2 protein	translation
40S ribosomal protein S11;Ribosomal protein S11	translation
Psat1	translation
Synapsin I;Synapsin-1	release
Synaptogyrin-1	release
Synapsin-3	release
granulins	release
Proenkephalin-A	release
Pleiotrophin	release
complexin 2	release
Cell cycle exit and neuronal differentiation protein 1	membrane
Cell adhesion molecule 3	membrane
Netrin receptor DCC	membrane

Activated leukocyte cell adhesion molecule	membrane
Neuronal membrane glycoprotein M6-b	membrane
Fxyd6	membrane
Nlgn2	membrane
Ephrin-B1	membrane
BDNF/NT-3 growth factors receptor;GP145-TrkB/GP95-TrkB;Neurotrophic tyrosine kinase receptor type 2;TrkB tyrosine kinase;GP145-TrkC;Neurotrophic tyrosine kinase re	membrane
Epidermal growth factor receptor	membrane
Vacuolar proton pump subunit C 1;V-type proton ATPase subunit C 1	membrane
Opioid growth factor receptor	membrane
Membrane magnesium transporter 1;Transmembrane protein 32	membrane
Vesicular inhibitory amino acid transporter	membrane
Neuroplastin	membrane
Gamma-aminobutyric acid receptor subunit beta-3	membrane
Sec61a2	membrane
Transmembrane 9 superfamily member 4	membrane
Atad1	membrane
Ncam1	membrane
Igsf3	membrane
LOC683667 protein	membrane
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Itfg1	membrane
PPFIA3	membrane
Protein Elavl3	mRNA
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Non-POU domain-containing octamer-binding protein	mRNA
LSM5 homolog	mRNA
RQCD1	mRNA
NOP58 ribonucleoprotein	mRNA
Cleavage and polyadenylation specificity factor subunit 7	mRNA
PrPf8	mRNA
Sf3b2	mRNA
Srpk2 SRSF	mRNA
CELF1	mRNA
Ddx5;rCG_35034	mRNA
U2surp	mRNA
Ascc3l1 protein	mRNA

Ppih	mRNA
Rbmx1	mRNA
Snrf	mRNA
Sfrs1	mRNA

**High stringency candidate proteins: proteins that increased at least 1.2 fold in at least 2 experiments that are cytoskeletal-related (blue), translation-related (yellow), vesicle release-related (purple), mRNA-related (green) or membrane-related (red). Coloring corresponds to that shown in Figure 3B.**

	classification
Actc1	cytoskeleton
Protein linking IAP with cytoskeleton 1	cytoskeleton
Gamma-adducin	cytoskeleton
Coronin-1A	cytoskeleton
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Ttll12	cytoskeleton
plexin A2	cytoskeleton
Tbc1d17	cytoskeleton
Tpm1	cytoskeleton
Intersectin-1	cytoskeleton
Astrocytic phosphoprotein PEA-15	cytoskeleton
Protein-L-isoaspartate(D-aspartate) O-methyltransferase	cytoskeleton
IPI00561918	cytoskeleton
heat shock protein 1	cytoskeleton
Tyrosine-protein phosphatase non-receptor type 23	cytoskeleton
Snx4	cytoskeleton
catenin, alpha 2	cytoskeleton
Ppig	translation
eif1b	translation
60S acidic ribosomal protein P1	translation
IPI00365169	translation
ER membrane protein complex subunit 2	translation
Eukaryotic translation initiation factor 4H;Williams-Beuren syndrome chromosomal region 1 protein homolog	translation
Rrbp1 ribosome binding protein 1	translation
IPI00870393	translation
IPI00876578	translation
Psat1	translation
Synaptogyrin-1	release
Synapsin-3	release
granulins	release
Proenkephalin-A	release

Pleiotrophin	release
complexin 2	release
Calcium-regulated heat stable protein 1	mRNA
LSM5 homolog	mRNA
NOP58 ribonucleoprotein	mRNA
Srpk2 SRSF	mRNA
CELF1	mRNA
U2surp	mRNA
Rbmx1	mRNA
Snrf	mRNA
Nlgn2	membrae
Ephrin-B1	membrae

**Proteins measured in the brains of human patients treated with low dose antipsychotics in Chan et al. (2011) Molec Psych.** Proteins detected in common with previously published reports. The direction of change with haloperidol treatment in the 5 hour and 48 hour studies is that which was measured at least 2/3 times. Candidate refers to low stringency candidates noted in Figure 3B and listed in the first tab of this table. Candidate criteria means that the protein met the low stringency candidate criteria but were from a different protein class than is included in the first part of this table. The class is noted.

<i>Protein name</i>	<i>Reported Change</i>	<i>5 hour MS Screen</i>	<i>48hrs MS Study</i>
NCAM1	increased	decreased	decreased
SNAP91	increased	not detected	decreased
ST13	decreased	increased	decreased
HSP90AA1	decreased	increased	variable, decreased to unchanged
SH3GL2	increased	decreased	increased
GAP43	increased	increased	increased
GNB4	increased	not detected	increased
PRDX6	decreased	not detected	increased
RTN1	increased	increased	increased, candidate
SYN2	increased	not detected	increased, candidate
OPA1	increased	not detected	increased, candidate level, metabolism
GLUD1	increased	not detected	increased, candidate level, metabolism
GNAO1	increased	increased	increased, candidate level, signaling
GNB1	increased	not detected	increased, candidate level, signaling
PDHA1	increased	increased	increased, detected once
RAP2A	increased	not detected	increased, detected once
STX1A	increased	not detected	increased, detected once
NEFM	decreased	not detected	increased, detected once
GAPDH	decreased	increased	not detected
MARCKS	increased	increased	variable
	Total detected in common	10	19

# detected in same direction	5	13
in common/total	0.5	0.684210526
# candidate criteria		6



**Proteins measured in rats treated intraperitoneally with haloperidol for 21 days in Ma et al. (2009) J Proteome Research.** Proteins detected in common with previously published reports. The direction of change with haloperidol treatment in the 5 hour and 48 hour studies is that which was measured at least 2/3 times. Candidate refers to low stringency candidates noted in Figure 3B and listed in the first tab of this table. Candidate criteria means that the protein met the low stringency

<i>Protein name</i>	<i>Reported Change</i>	<i>5 hour MS Screen</i>	<i>48hrs MS Study</i>
SOD2	increased	not detected	increased, candidate criteria, metabolism protein
ATP1A1/ATP1A3	increased	increased	increased
ATP5B	increased	not detected	increased
CAP1	increased	not detected	increased
HKI	increased	not detected	increased
MLLT4	increased	not detected	increased
VAMP3	increased	not detected	increased
VDAC1	increased	not detected	increased
AMPH	increased	unchanged	increased
MYH10	increased	decreased	increased
ACTN4	increased	increased	increased
BASP1	increased	increased	increased
DNM1	increased	decreased	increased, candidate
EEF1A2	increased	increased	increased, candidate
HSPA9	increased	increased	increased, candidate
MAP2	increased	increased	increased, candidate
SYN1	increased	increased	increased, candidate
GNB2L1	increased	not detected	increased, candidate
TAGLN3	increased	not detected	increased, candidate
EHD3	increased	decreased	increased, candidate criteria, endocytosis protein
MDH2	increased	increased	increased, candidate criteria, metabolism protein
GLUD1	increased	not detected	increased, candidate criteria, metabolism protein
PPP3CB	increased	increased	increased, candidate criteria, signaling protein
Mapt	increased	increased	increased, detected once
MAPT	increased	increased	increased, detected once
STXBP1	increased	increased	increased, detected once
ALDH5A1	increased	not detected	increased, detected once

JUP	Increased	increased	not detected
SNAP91	increased	not detected	variable, increased to decreased
MAPK1	increased	variable, unchange	decreased
ALDOA	increased	decreased	decreased
CAMKV	increased	not detected	variable, unchanged to decreased
IDH3A	increased	not detected	variable, increased to decreased
SNCA	increased	not detected	variable, decreased to increased
BIN1	increased	not detected	variable, unchanged to slightly increased

Detected in commor	19	34
Same direction	13	27

% overlap	0.684210526	0.794117647
% candidates		0.352941176