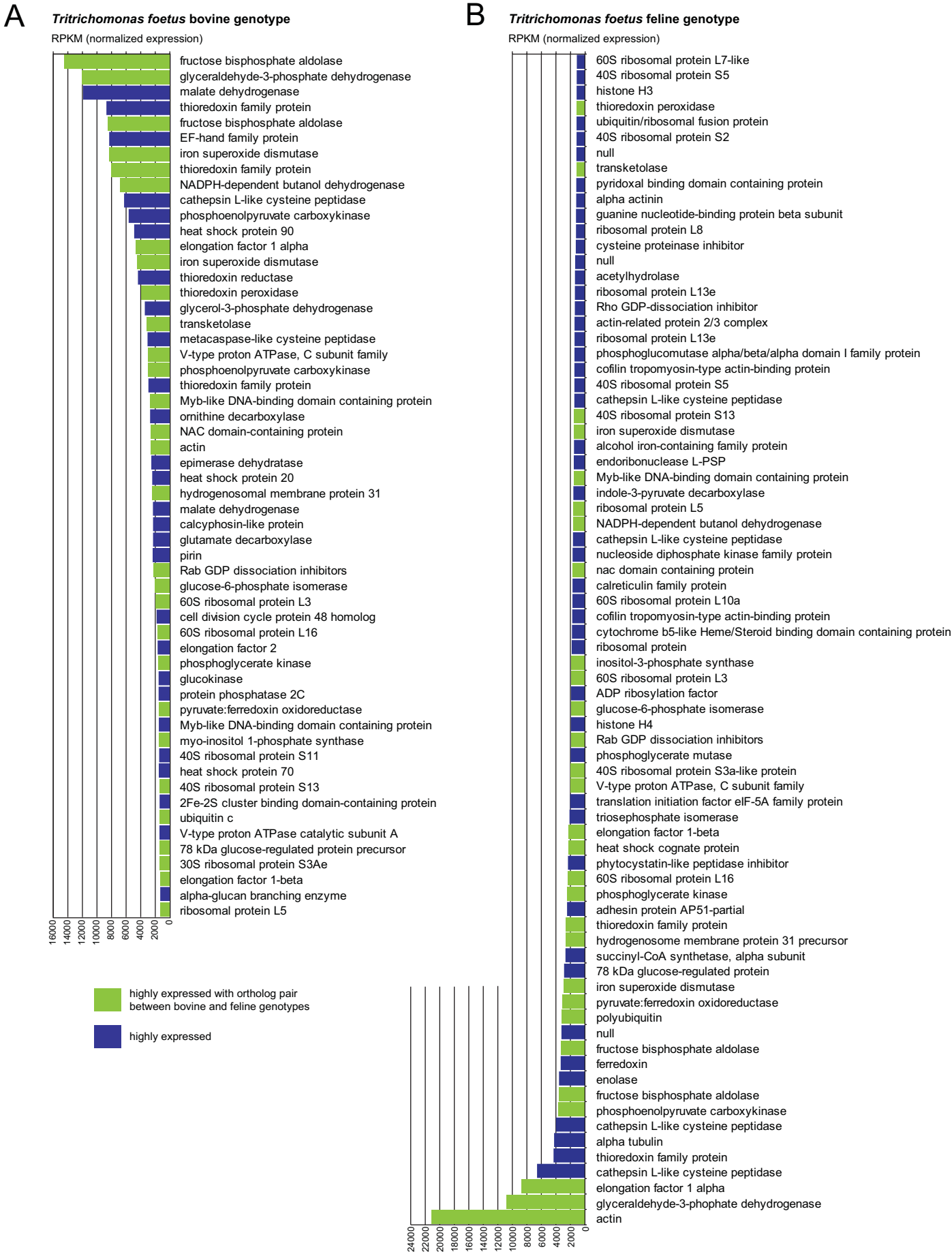
A
Tritrichomonas foetus bovine genotype
RPKM (normalized expression)
fructose bisphosphate aldolase
glyceraldehyde-3-phosphate dehydrogenase
malate dehydrogenase
thioredoxin family protein
fructose bisphosphate aldolase
EF-hand family protein
iron superoxide dismutase
thioredoxin family protein
NADPH-dependent butanol dehydrogenase
cathepsin L-like cysteine peptidase
phosphoenolpyruvate carboxykinase
heat shock protein 90
elongation factor 1 alpha
iron superoxide dismutase
thioredoxin reductase
thioredoxin peroxidase
glycerol-3-phosphate dehydrogenase
transketolase
metacaspase-like cysteine peptidase
V-type proton ATPase, C subunit family
phosphoenolpyruvate carboxykinase
thioredoxin family protein
Myb-like DNA-binding domain containing protein
ornithine decarboxylase
NAC domain-containing protein
actin
epimerase dehydratase
heat shock protein 20
hydrogenosomal membrane protein 31
malate dehydrogenase
calcyphosin-like protein
glutamate decarboxylase
pirin
Rab GDP dissociation inhibitors
glucose-6-phosphate isomerase
60S ribosomal protein L3
cell division cycle protein 48 homolog
60S ribosomal protein L16
elongation factor 2
phosphoglycerate kinase
glucokinase
protein phosphatase 2C
pyruvate:ferredoxin oxidoreductase
Myb-like DNA-binding domain containing protein
myo-inositol 1-phosphate synthase
40S ribosomal protein S11
heat shock protein 70
40S ribosomal protein S13
2Fe-2S cluster binding domain-containing protein
ubiquitin c
V-type proton ATPase catalytic subunit A
78 kDa glucose-regulated protein precursor
30S ribosomal protein S3Ae
elongation factor 1-beta
alpha-glucan branching enzyme
ribosomal protein L5
16000
14000
12000
10000
8000
6000
4000
2000
0
highly expressed with ortholog pair between bovine and feline genotypes
highly expressed
B
Tritrichomonas foetus feline genotype
RPKM (normalized expression)
60S ribosomal protein L7-like
40S ribosomal protein S5
histone H3
thioredoxin peroxidase
ubiquitin/ribosomal fusion protein
40S ribosomal protein S2
null
transketolase
pyridoxal binding domain containing protein
alpha actinin
guanine nucleotide-binding protein beta subunit
ribosomal protein L8
cysteine proteinase inhibitor
null
acetylhydrolase
ribosomal protein L13e
Rho GDP-dissociation inhibitor
actin-related protein 2/3 complex
ribosomal protein L13e
phosphoglucomutase alpha/beta/alpha domain I family protein
cofilin tropomyosin-type actin-binding protein
40S ribosomal protein S5
cathepsin L-like cysteine peptidase
40S ribosomal protein S13
iron superoxide dismutase
alcohol iron-containing family protein
endoribonuclease L-PSP
Myb-like DNA-binding domain containing protein
indole-3-pyruvate decarboxylase
ribosomal protein L5
NADPH-dependent butanol dehydrogenase
cathepsin L-like cysteine peptidase
nucleoside diphosphate kinase family protein
nac domain containing protein
calreticulin family protein
60S ribosomal protein L10a
cofilin tropomyosin-type actin-binding protein
cytochrome b5-like Heme/Steroid binding domain containing protein
ribosomal protein
inositol-3-phosphate synthase
60S ribosomal protein L3
ADP ribosylation factor
glucose-6-phosphate isomerase
histone H4
Rab GDP dissociation inhibitors
phosphoglycerate mutase
40S ribosomal protein S3a-like protein
V-type proton ATPase, C subunit family
translation initiation factor eIF-5A family protein
triosephosphate isomerase
elongation factor 1-beta
heat shock cognate protein
phytocystatin-like peptidase inhibitor
60S ribosomal protein L16
phosphoglycerate kinase
adhesin protein AP51-partial
thioredoxin family protein
hydrogenosome membrane protein 31 precursor
succinyl-CoA synthetase, alpha subunit
78 kDa glucose-regulated protein
iron superoxide dismutase
pyruvate:ferredoxin oxidoreductase
polyubiquitin
null
fructose bisphosphate aldolase
ferredoxin
enolase
fructose bisphosphate aldolase
phosphoenolpyruvate carboxykinase
cathepsin L-like cysteine peptidase
alpha tubulin
thioredoxin family protein
cathepsin L-like cysteine peptidase
elongation factor 1 alpha
glyceraldehyde-3-phophate dehydrogenase
actin
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0