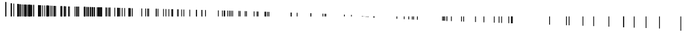
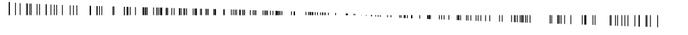
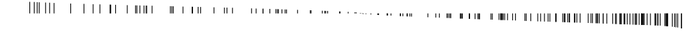
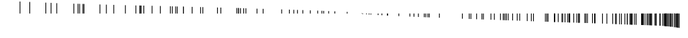
Pathway	Gene ranks	NES	pval	padj
NADH REPAIR		2.11	3.1e−04	6.1e−04
THIAMIN SALVAGE III		1.89	3.1e−04	6.1e−04
TRNA SPLICING		2.75	3.1e−04	6.1e−04
ALL−<ITRANS</I−DECAPRENYL DIPHOSPHATE BIOSYNTHESIS		2.30	3.2e−04	6.2e−04
4−AMINOBUTYRATE DEGRADATION I		1.31	2.4e−02	3.2e−02
METHYLMALONYL PATHWAY		1.22	6.0e−02	7.5e−02
SPERMINE AND SPERMIDINE DEGRADATION I		1.17	1.1e−01	1.3e−01
ANDROGEN BIOSYNTHESIS		1.10	2.2e−01	2.5e−01
PYRIMIDINE RIBONUCLEOTIDES INTERCONVERSION		1.03	3.8e−01	4.1e−01
TYROSINE BIOSYNTHESIS IV		0.92	7.2e−01	7.5e−01
L−CYSTEINE DEGRADATION II		−2.19	1.5e−04	6.0e−04
PHENYLALANINE DEGRADATION IV (MAMMALIAN, VIA SIDE CHAIN)		−2.09	1.5e−04	6.0e−04
METHIONINE DEGRADATION I (TO HOMOCYSTEINE)		−1.96	1.5e−04	6.0e−04
TETRAHYDROBIOPTERIN BIOSYNTHESIS II		−2.03	1.5e−04	6.0e−04
ACETATE CONVERSION TO ACETYL−COA		−2.09	1.5e−04	6.0e−04
ADENINE AND ADENOSINE SALVAGE VI		−2.38	1.5e−04	6.0e−04
GALACTOSE DEGRADATION I (LELOIR PATHWAY)		−1.94	1.5e−04	6.0e−04
ADENINE AND ADENOSINE SALVAGE I		−2.01	1.5e−04	6.0e−04
RETINOATE BIOSYNTHESIS I		−2.35	1.5e−04	6.0e−04
TETRAHYDROBIOPTERIN BIOSYNTHESIS I		−2.02	1.5e−04	6.0e−04