

Supplemental Table 4. Core_differences

AHCYStr	KO	S-Adenosylahcys[c] <= Transport, Endoplasmic Reticular
AMETr	KO	S-Adenosylamet[c] <= Transport, Endoplasmic Reticular
AMETt2m	KO	S-Adenosylahcys[m] + Transport, Mitochondrial
ARGt4	KO	L-arginine t arg-L[e] + r Transport, Extracellular
BTNt3i	KO	Biotin tran atp[c] + bt Transport, Extracellular
CYSt4	KO	L-cysteine cys-L[e] + r Transport, Extracellular
CYTDn	KO	cytidine de [n] : cytd + Nucleotides
CYTDtn	KO	cytidine tr cytd[c] <== Transport, Nuclear
ILEt4	KO	L-isoleucin ile-L[e] + n Transport, Extracellular
PCFLOPm	KO	phosphatic atp[c] + h2 Transport, Mitochondrial
PETOHMm_hs	KO	phosphatic [m] : (3) an Glycerophospholipid Metabolism
PETOHMr_hs	KO	phosphatic [r] : (3) am Glycerophospholipid Metabolism
Uritn	KO	uridine tra uri[c] <==> Transport, Nuclear
VALt4	KO	L-valine tra na1[e] + v Transport, Extracellular
3MOPt2im	WT	3-Methyl-23mop[c] + Transport, Mitochondrial
4PYRDX	WT	4-Pyridoxa 4pyrdx[c] + Transport, Extracellular
ARACHDt2	WT	fatty acid t arachd[e] < Transport, Extracellular
ARACHt	WT	fatty acid t arach[e] <= Transport, Extracellular
CHOLATe2	WT	cholate tra cholate[e] Transport, Extracellular
CHOLATe3	WT	ABC bile ac atp[c] + ch Transport, Extracellular
DOPAt4(2)r	WT	Dopamine dopa[e] + (Transport, Extracellular
EX_4pyrdx(e)	WT	4-Pyridoxate Demand Transport, Extracellular
FATP4t	WT	fatty acid e arach[c] + i Transport, Extracellular
FATP5t	WT	fatty acid e arachd[c] + i Transport, Extracellular
HMGCOASim	WT	Hydroxym [m] : aaco Cholesterol Metabolism
ILETA	WT	isoleucine [c] : ak g + i Valine, Leucine, and Isoleucine Metabolism
NRPPHRt4(2)r	WT	Norepinep (2) na1[e] - Transport, Extracellular
PYDXDH	WT	pyridoxal d [c] : h2o + i Vitamin B6 Metabolism
TCHOLAt	WT	taurochola hco3[c] + t Transport, Extracellular
TCHOLAt3	WT	ABC bile ac atp[c] + h2 Transport, Extracellular
VALTA	WT	valine tran [c] : ak g + i Valine, Leucine, and Isoleucine Metabolism
sink_3mob(c)	WT	3-Methyl-2-oxobutan Transport, Extracellular
sink_3mop	WT	(S)-3-Methyl-2-oxopei Transport, Extracellular

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