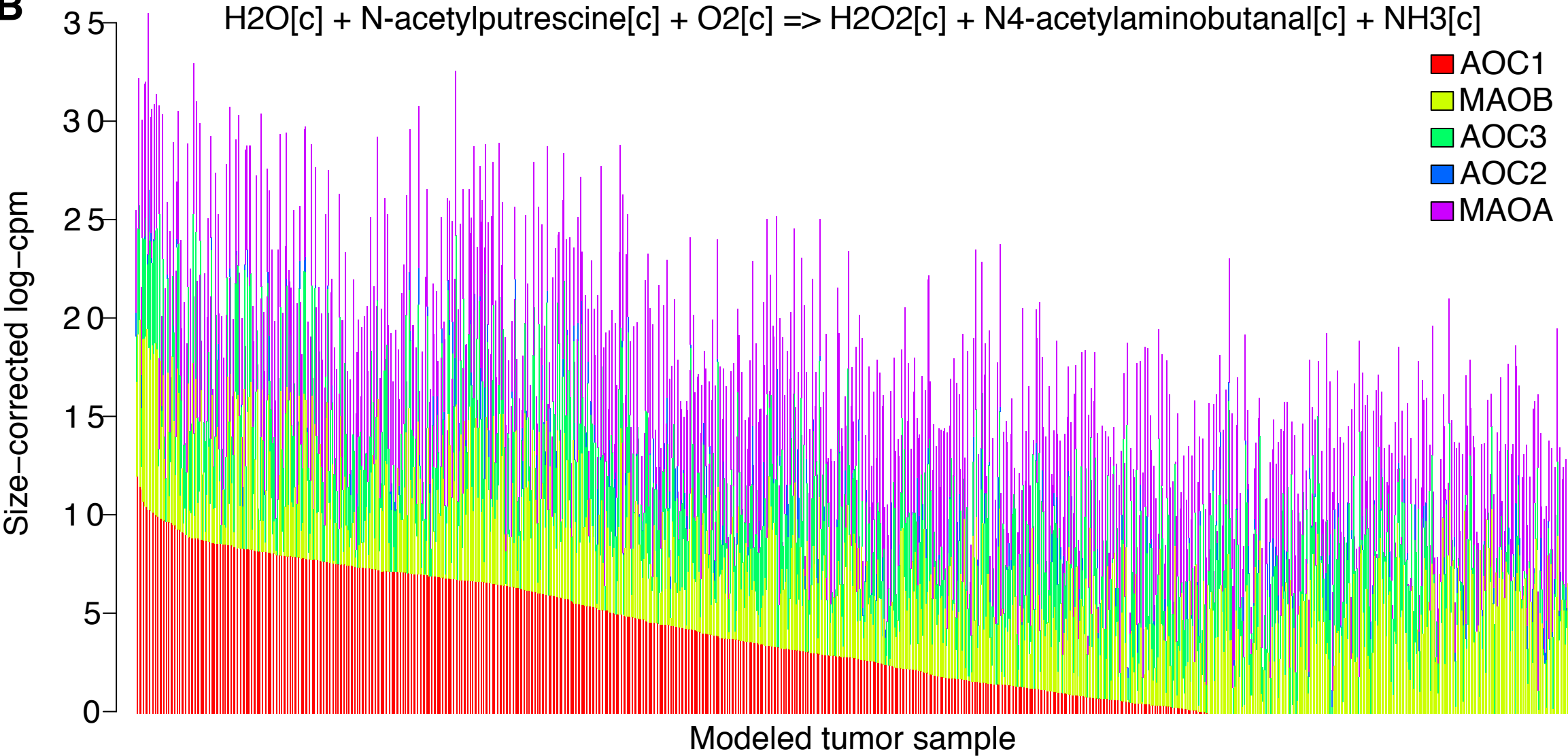


A

	COAD	PAAD	READ	OV	KIRC	UCEC	LUSC	BLCA	BRCA	LUAD	GBM	LGG	HNSC
R1	PTGS1	PTGS1	PTGS1	PTGS1	PTGS1	PTGS1	PTGS1	PTGS2	PTGS1	PTGS1	PTGS1	PTGS1	PTGS1
R2	GLRX	GLRX2	GLRX	GLRX	GLRX2	GLRX	GLRX	GLRX2	GLRX	GLRX	GLRX	GLRX	GLRX
R3	SLC6A9	SLC6A14	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9	SLC6A9
R4	ST3GAL5	ST6GALNAC2	ST3GAL5	ST6GALNAC2	ST3GAL5	ST6GALNAC2	ST6GALNAC2	ST3GAL5	ST3GAL5	ST3GAL5	ST3GAL5	ST3GAL5	ST6GALNAC2
R5	SDSL	SDSL	SDSL	SDSL	SDSL	SDSL	SDS	SRR	SRR	SDSL	SRR	SRR	SRR
R6	ALDH3B1	ALDH3B1	ALDH3B1	ALDH3B1	ALDH3B1	ALDH3B2	ALDH1A3	ALDH1A3	ALDH1A3	ALDH3B1	ALDH3B1	ALDH3B1	ALDH3B1
R7	ADA	CECR1	CECR1	CECR1	CECR1	CECR1	CECR1	CECR1	CECR1	CECR1	CECR1	CECR1	ADA
R8	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2	DGAT2
R9	SLCO2A1	SLCO2A1	SLCO2A1	SLCO3A1	SLCO3A1	SLCO2A1	SLCO3A1	SLCO2A1	SLCO2A1	SLCO2A1	SLCO2A1	SLCO3A1	SLCO3A1
R10	GGT5	GGT5	GGT7	GGT7	GGT7	GGT7	GGT7	GGT5	GGT5	GGT5	GGT5	GGT5	GGT5
R11	GGT5	GGT5	GGT7	GGT7	GGT7	GGT7	GGT7	GGT5	GGT5	GGT5	GGT5	GGT5	GGT5
R12	SLCO2A1	SLCO2A1	SLCO2A1	SLCO3A1	SLCO3A1	SLCO2A1	SLCO3A1	SLCO2A1	SLCO2A1	SLCO2A1	SLCO2A1	SLCO3A1	SLCO3A1
R13	SLCO4A1	SLCO4A1	SLCO4A1	SLCO3A1	SLCO3A1	SLCO2A1	SLCO3A1	SLCO2A1	SLCO2A1	SLCO2A1	SLCO2A1	SLCO3A1	SLCO3A1
R14	CKMT1B	CKB	CKMT1B	CKB	CKB	CKB	CKMT1B	CKB	CKB	CKB	CKB	CKB	CKMT1B
R15	MAOA	AOC1	AOC1	MAOB	MAOB	MAOA	MAOA	AOC3	AOC3	MAOA	MAOA	MAOA	MAOA
R16	SLCO4A1	SLCO4A1	SLCO4A1	SLC16A2	SLC16A2	SLCO3A1	SLCO3A1	SLC16A2	SLC16A2	SLC16A2	SLC16A2	SLC16A2	SLCO3A1

R1 2 H+[r] + prostaglandin G1[r] <=> H2O[r] + prostaglandin H1[r]
R2 dehydroascorbic acid[c] + H+[c] + NADPH[c] => ascorbate[c] + NADP+[c]
R3 chloride[s] + glycine[s] + 2 Na+[s] => chloride[c] + glycine[c] + 2 Na+[c]
R4 CMP–N–acetylneuramate[c] + GA2[c] => CMP[c] + GM2[c]
R5 serine[c] => NH3[c] + pyruvate[c]
R6 acetaldehyde[c] + H2O[c] + NADP+[c] => acetate[c] + H+[c] + NADPH[c]
R7 adenosine[c] + H2O[c] => inosine[c] + NH3[c]
R8 1,2–diacylglycerol–LD–TAG pool[c] + acyl–CoA–LD–TG3 pool[c] => CoA[c] + TAG–LD pool[c]
R9 prostaglandin E1[s] => prostaglandin E1[c]
R10 alanine[c] + GSH[c] => (5–L–glutamyl)–L–amino acid[s] + cys–gly[s]
R11 GSH[c] + H2O[c] => cys–gly[c] + glutamate[c]
R12 prostaglandin E2[s] => prostaglandin E2[c]
R13 HCO3–[c] + prostaglandin E2[s] => HCO3–[s] + prostaglandin E2[c]
R14 ADP[m] + creatine–phosphate[m] + 2 H+[m] <=> ATP[m] + creatine[m]
R15 H2O[c] + N–acetylputrescine[c] + O2[c] => H2O2[c] + N4–acetylaminobutanal[c] + NH3[c]
R16 thyroxine[c] <=> thyroxine[s]

B



C

