Supplemental Table 1. Intracellular content and extracellular concentration of acylcarnitines arising from the substrate CoAs (Ac, Pc, 3HIAc), product CoAs (Mc, MMc, and MGc) and substrate:product ratios of the acylcarnitines in HepG2 cells cultured in carnitine sufficient or carnitine depleted medium[1]

		Cellular Content (pmol/mg protein)[2]	
		BS CS	**BS CD**
Intracellular			
	AC	391 ± 32	3.40 ± 0.55
	PC	42.0 ± 3.3	1.10 ± 0.13
	3HIAC	3.50 ± 0.31	0.670 ± 0.049
	MC	1.40 ± 0.16	0.170 ± 0.066
	MMC	73.0 ± 8.0	5.50 ± 0.77
	MGC	0.950 ± 0.089	0.510 ± 0.040
	AC:MC	284 ± 17	20.9 ± 5.4
	PC:MMC	0.589 ± 0.097	0.212 ± 0.040
	3HIAC:MGC	3.73 ± 0.19	1.32 ± 0.13
		Medium Concentration (pmol/mL)	
		BS CS	**BS CD**
Extracellular			
	AC	1650 ± 92	13.4 ± 1.3
	PC	215 ± 12	5.39 ± 0.22
	3HIAC	3.05 ± 0.10	1.15 ± 0.074
	MC	ND	ND
	MMC	14.2 ± 0.17	6.62 ± 0.084
	MGC	2.54 ± 0.088	1.88 ± 0.13
	AC:MC	ND	ND
	PC:MMC	15.1 ± 0.88	0.815 ± 0.027
	3HIAC:MGC	1.20 ± 0.069	0.613 ± 0.033

[1] Values are means ± SDs, n = 4
[2] Ratios are unitless
Ac, acetylcarnitne; 3HIAc, 3-hydroxyisovalerylcarnitine; Mc, malonylcarnitine; MGc, 3-methylglutarylcarnitine; MMc, methylmalonylcarnitine; Pc, propionylcarnitine; BS CS, biotin sufficient carnitine sufficient; BS CD, biotin sufficient carnitine deficient.