

Suppl. Table 1. The number of tadpoles, cells per tadpole, and total number of cells for each gene and TH treatment.

Gene of interest	LAT1		MCT8		PKM2		CRYM		MCT8+CRYM	
T3 conc (nM)	0	2	0	2	0	2	0	2	0	2
Injected tadpole	4	3	5	5	4	6	5	3	3	3
Cells per tadpole (average)	14 - 21 (16.7)	11-19 (14)	8 - 18 (14)	8 - 35 (21)	18 - 27 (21.8)	9 - 21 (14.2)	12 - 34 (19.8)	16 - 28 (22.3)	8 - 39 (26.7)	9 - 13 (10.7)
Total number of cells	64	32	76	92	87	85	91	67	80	32

Gene of interest	Control for LAT1		Control for MCT8		Control for PKM2		Control for CRYM		Control for MCT8+CRYM	
T3 conc (nM)	0	2	0	2	0	2	0	2	0	2
Injected tadpole	4	3	5	5	4	6	5	3	3	3
Cells per tadpole (average)	25 - 35 (30.5)	11 - 32 (24.3)	11 - 17 (13.6)	5 - 14 (9.4)	2 - 35 (19.5)	32 - 49 (40.3)	7 - 48 (28)	34 - 44 (40.3)	52 - 84 (70.7)	19 - 99 (51.3)
Total number of cells	127	73	68	47	78	242	133	121	212	154

Suppl. Table 2. Level of THT and CTHBP mRNA overexpression in injected tail muscle cells. Each row represents one tadpole.

Primer/Probe set	Plasmid	RQ value
LAT1	Control	0.78
	Control	0.805
	LATI	10.626
	LATI	22.858
PKM2	Control	1.832
	Control	1.312
	PKM2	2.567
	PKM2	2.383
MCT8	Control	0.225
	Control	2.438
	MCT8	3794
	MCT8	1158
	MCT8 + CRYM	734.333
	MCT8 + CRYM	269.745
CRYM	Control	1.948
	Control	1.884
	CRYM	3.707
	CRYM	6.936
	MCT8 + CRYM	4.375
	MCT8 + CRYM	24.128