

Supplemental Table 1

Figure 7 panel	Brain Region	<i>Pomc</i> -GFP	P-STAT3	<i>Pomc</i> -Cre;R26R-TOM	Double Label		Triple Label
					GFP + P-STAT3	TOM + P-STAT3	GFP + P-STAT3 + TOM
A	ARH	18 ± 4	65 ± 4	97 ± 13	7 ± 3	54 ± 2	54 ± 2
B	ARH*	55 ± 6 <i>Npy</i>	65 ± 4	97 ± 13	40 ± 5*	54 ± 2	30 ± 6*
C	PBN	1 ± 3	no detection	14 ± 4	NA	NA	NA
D	AP	12 ± 4	19 ± 4	20 ± 3	3 ± 1	12 ± 4	1 ± 1
E	NTS	21 ± 2	26 ± 6	7 ± 2	10 ± 1	1 ± 3	1 ± 2

**Npy* FISH counts in place of *Pomc*-GFP

Table S1: Peptidergic identities of leptin-sensing neurons in the ARH and brainstem. Cells counts from leptin-injected *Pomc*-eGFP ;*Pomc*-Cre;R26R-TOM animals shown in Figure 7.