

		human			rat		
		β	α	δ	β	α	δ
GAD65	IF	+	+	+	+	-	-
	RNA seq	+	+	+	nd	nd	nd
VGAT	IF	-	-	+	-	+	-
	RNA seq	-	-	-	nd	nd	nd
GABA	IF	+	-	+	+	-	-

+	positive
-	not detected
nd	no data

Supplementary Table 1. Data summary comparing the expression of GAD65, VGAT, and GABA in human and rat islet endocrine cell subtypes. Table summarizes results obtained by immunofluorescence (our results) and the public single cell RNA-seq datasets analyzed in this paper. While VGAT was not detected by RNA-seq, it was detected by immunostaining, likely because its mRNA transcripts were below the detection threshold. VGAT mRNA has been detected by others in whole human islets by rt-PCR.