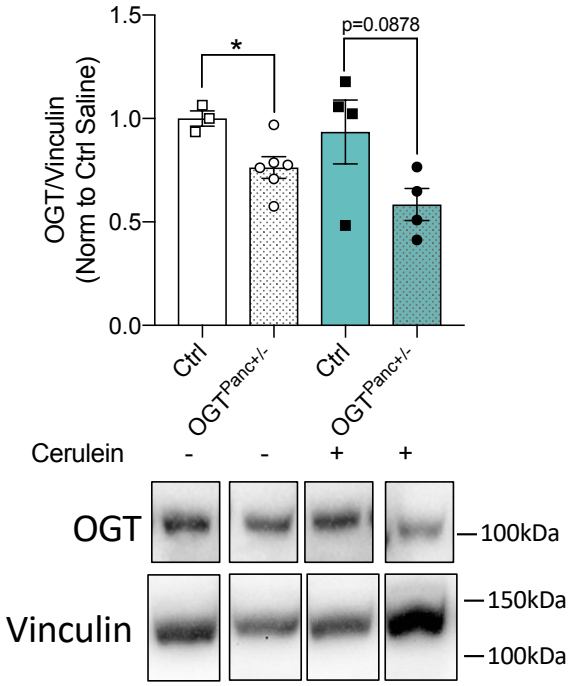
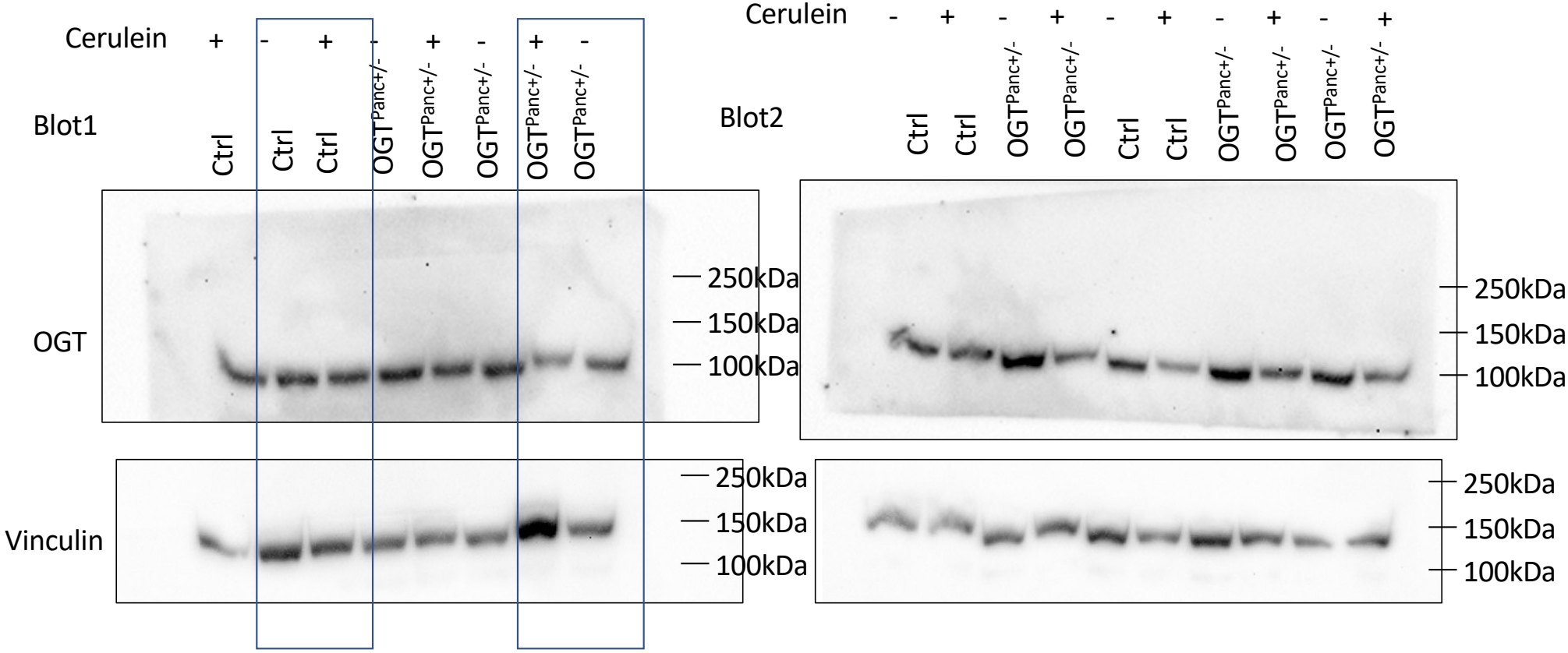
Fig 1B


1.5
1.0
0.5
0.0
OGT/Vinculin
(Norm to Ctrl Saline)
*
p=0.0878
Ctrl
OGTPanc+/-
Ctrl
OGTPanc+/-
Cerulein
-
-
+
+
OGT
100kDa
Vinculin
150kDa
100kDa

Raw


Blot1
Cerulein + - + - + - + -
Ctrl
Ctrl
Ctrl
OGTPanc+/-
OGTPanc+/-
OGTPanc+/-
OGTPanc+/-
OGTPanc+/-
OGT
Vinculin
250kDa
150kDa
100kDa
Blot2
Cerulein - + - + - + - + - +
Ctrl
Ctrl
OGTPanc+/-
OGTPanc+/-
Ctrl
Ctrl
OGTPanc+/-
OGTPanc+/-
OGTPanc+/-
OGTPanc+/-
250kDa
150kDa
100kDa

Quantification

Blot 1								
Lane			**OGT Intensity**		**Vinculin intensity**		**OGT/Vinculin**	**Normalized to Ctrl Saline**
2	Ctrl	Saline	46.99		86.1		0.545600204	1
						Avg. WT	**0.545600204**	
1	Ctrl	Cerulein	46.07		71.7		0.642571233	1.177732758
3	Ctrl	Cerulein	43.44		75.3		0.576787232	1.057160953
4	OgtHET	Saline	35.85		86.2		0.415970482	0.762408955
6	OgtHET	Saline	37.97		71.8		0.528759645	0.969133883
8	OgtHET	Saline	29.13		68.8		0.423388328	0.776004709
5	OgtHET	Cerulein	41.35		61.9		0.667937452	1.224225076
7	OgtHET	Cerulein	28.57		127		0.225393895	0.413111823

Blot 2							
Lane			**OGT**	**Vinculin**		**OGT/Vinc**	**Norm to Ctrl Saline**
1	Ctrl	Saline	42.33	46.9		0.903386901	1.063784072
5	Ctrl	Saline	55.55	69.9		0.795053459	0.936215928
					Avg. WT	**0.84922018**	
2	Ctrl	Cerulein	39.14	45.1		0.868696733	1.022934633
6	Ctrl	Cerulein	19.18	46.7		0.410798424	0.48373606
3	OgtHET	Saline	42.43	63.5		0.668225771	0.786869868
7	OgtHET	Saline	35.88	73.4		0.488655245	0.575416431
9	OgtHET	Saline	37.94	63.1		0.601162938	0.707899968
4	OgtHET	Cerulein	24.8	57.3		0.432654058	0.509472182
8	OgtHET	Cerulein	35.2	54.2		0.64970187	0.765057032
10	OgtHET	Cerulein	24.97	45.3		0.55080839	0.648604924