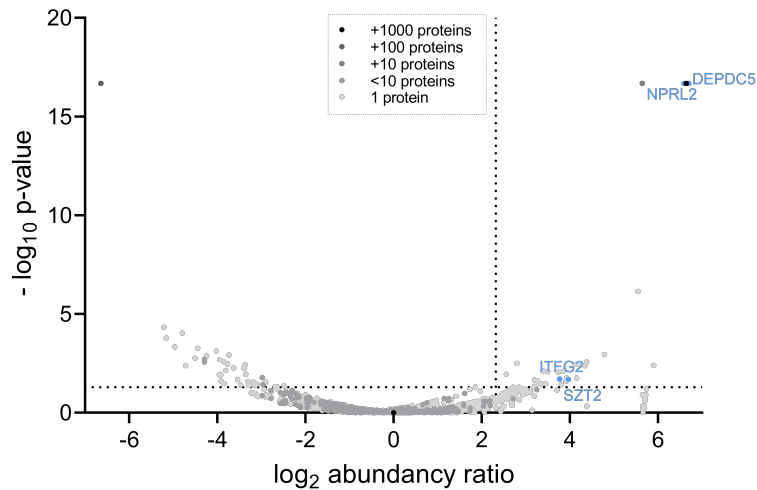


Figure S1

A



B

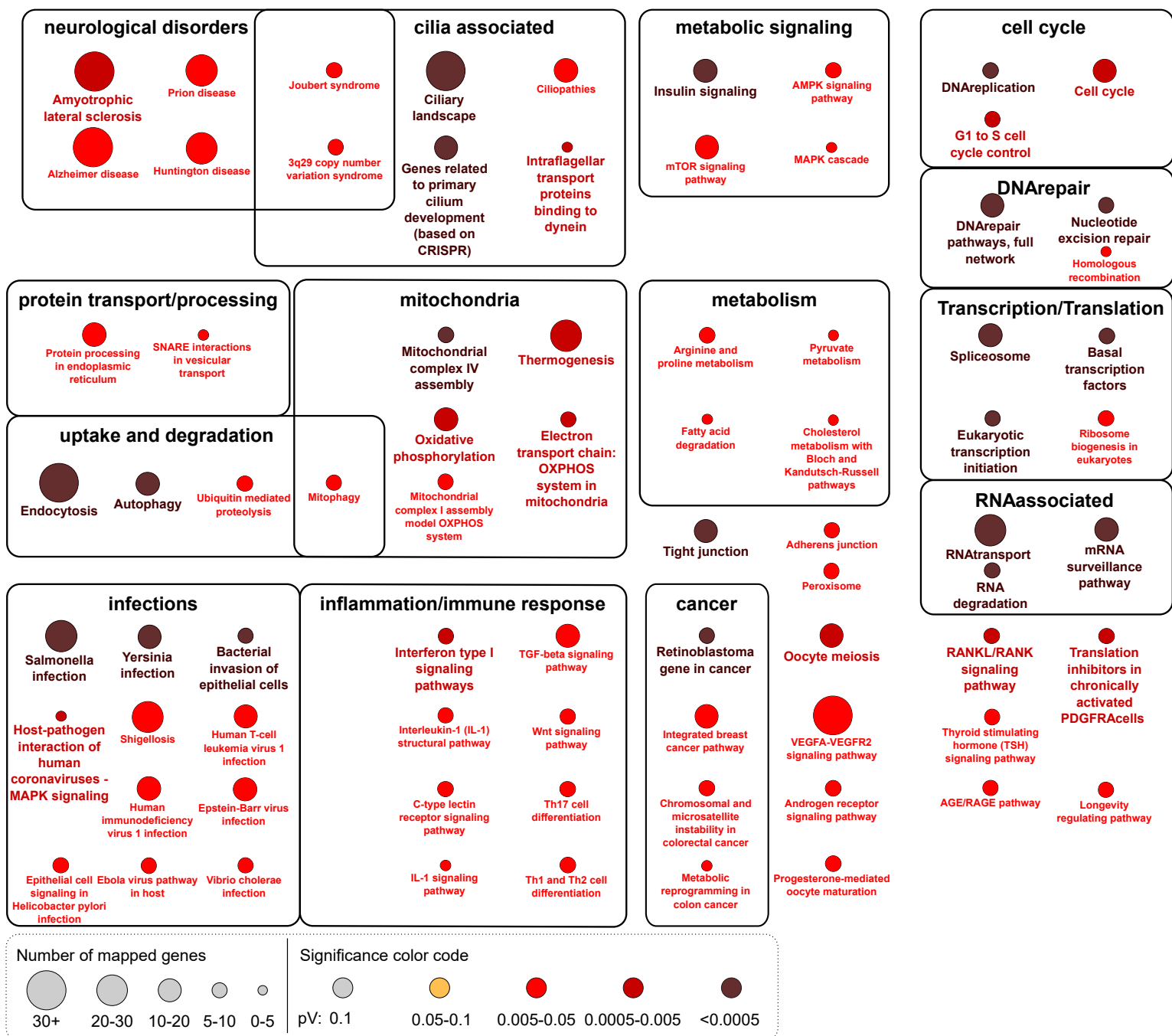
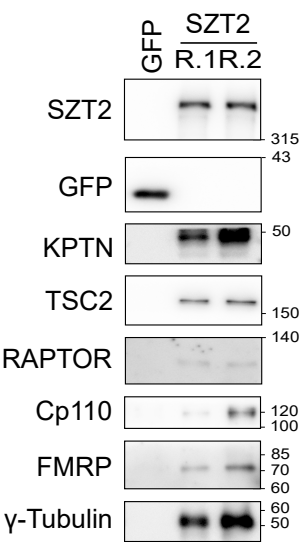


FIGURE S2

A



B

Gene Symbol	UniProt P. access.nr.	Description	STA vs. ctrl		STI vs. ctrl		STI vs. STA	
			ratio	p-value	ratio	-p-value	ratio	p- value
FMR1	Q06787	Synaptic functional regulator FMR1	100	2.063E-17	100	2.080E-17	0.68	0.67
NUFIP1	Q9UHK0	Nuclear fragile X mental retardation-interacting protein 1	100	2.063E-17	100	2.080E-17	n.a.	n.a.
BNIP1	Q12981	Vesicle transport protein SEC20	0.01	2.063E-17	93.62	7.18E-07	100	3.45E-17
TEX264	Q9Y6I9	Testis-expressed protein 264	100	2.063E-17	100	2.080E-17	0.98	0.93
PEX14	O75381	Peroxisomal membrane protein PEX14	100	2.063E-17	100	2.080E-17	0.89	0.99
USP14	P54578	Ubiquitin carboxyl-terminal hydrolase 14	n.a.	n.a.	100	2.080E-17	100	3.45E-17
LGALS3	P17931	Galectin-3	100	2.06E-17	100	2.080E-17	1.35	0.37
SNAP29	O95721	Synaptosomal-associated protein 29	n.a.	n.a.	100	2.080E-17	100	3.45E-17

FIGURE S3

Genotyping

A

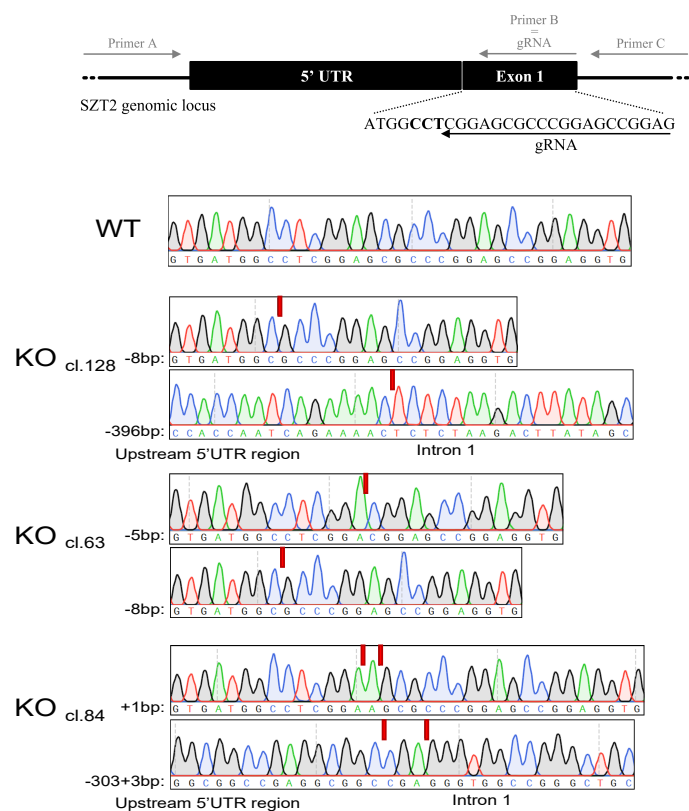


FIGURE S4

Amino acids and FBS sensing

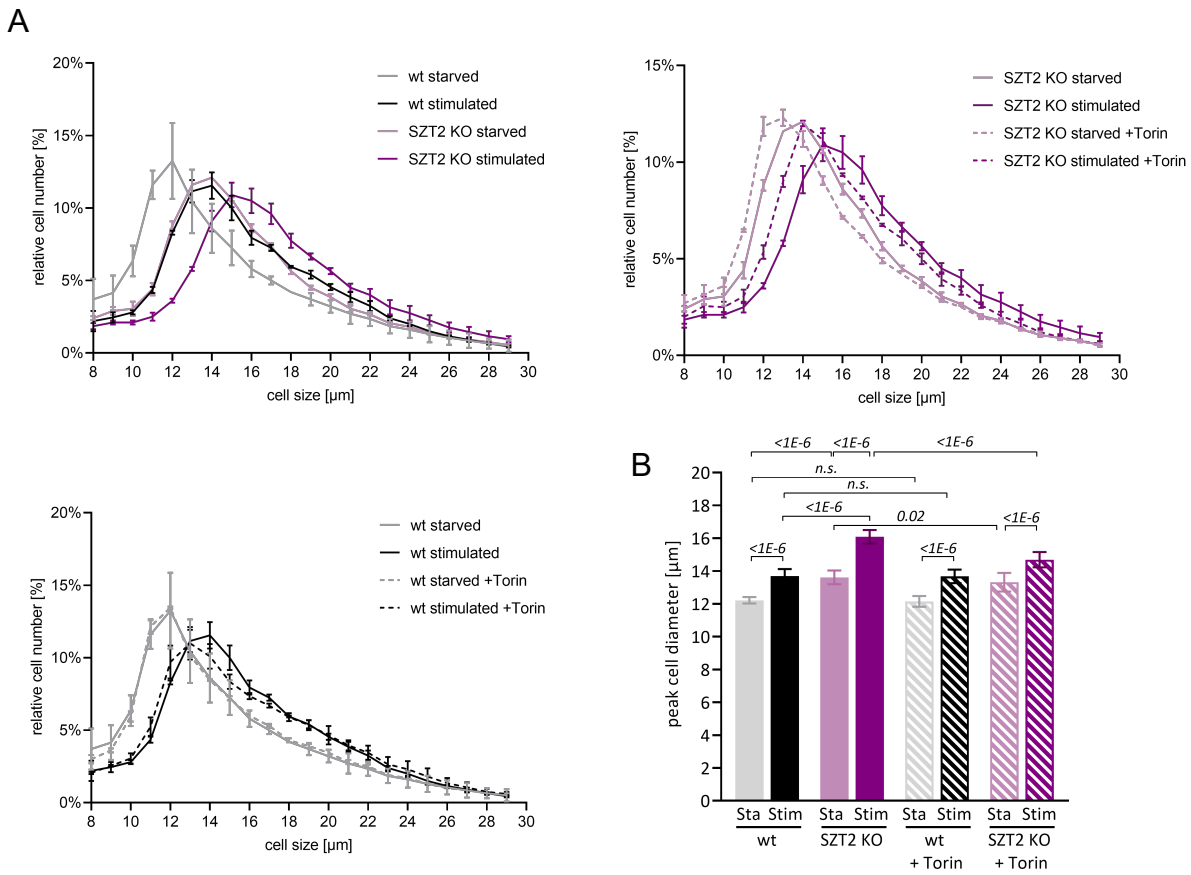
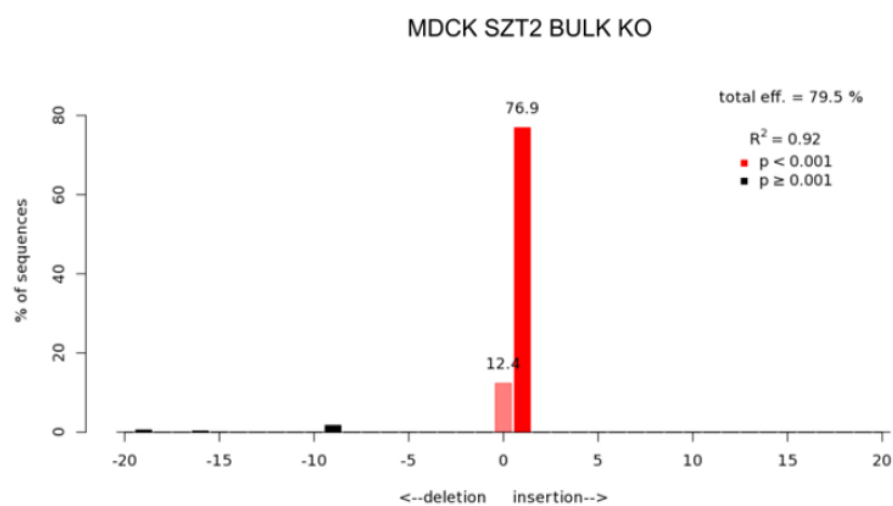


FIGURE S5

A



B

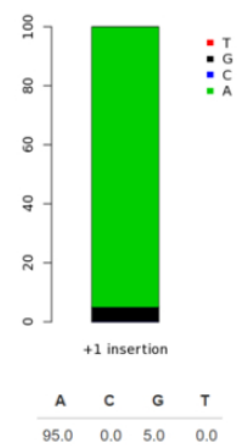


FIGURE S6