

Supplementary Table 1: Gene Ontology (GO) enrichment analysis of the protein groups with short (S), medium (M), long (L) and extra long (XL) have-lives

GO Term	P-value	Protein groups
transmembrane	1.58E-11	S
intrinsic to membrane	1.52E-10	S
integral to membrane	1.69E-10	S
extracellular	4.47E-10	S
transmembrane region	6.04E-10	S
membrane part	1.28E-09	S
integral to plasma membrane	1.92E-09	S
intrinsic to plasma membrane	1.92E-09	S
signal	3.32E-06	S
transmembrane receptor activity	3.60E-06	S
signal peptide	4.17E-06	S
membrane	7.69E-06	S
g-protein coupled receptor	5.86E-04	S
receptor	5.90E-04	S
G-protein coupled receptor activity	0.005578955	S
receptor activity	0.008059853	S
Rhodopsin-like GPCR superfamily	0.018154851	S
transducer	0.029151092	S
ion transport	0.029918815	S
intracellular part	1.87E-06	XL
cytoplasm	2.54E-06	XL
intracellular	1.53E-05	XL
Insulin signaling pathway	0.027123629	XL