

Human Unfolded Protein Response PCR Array

Unfolded Protein Binding: CALR, CANX, CCT4, CCT7, DNAJB2, DNAJB9, DNAJC10, DNAJC4, ERO1LB, HSPA1B, HSPA2, HTRA2, PFDN2, PFDN5, PPIA, SCAP, SEC63, SIL1, TCP1, TOR1A, UGGT1.

ER Protein Folding Quality Control: EDEM1, EDEM3, GANAB, GANC, PRKCSH, RPN1, SERP1, ERP44, UGGT1, UGGT2.

Regulation of Cholesterol Metabolism: INSIG1, INSIG2, MBTPS1, MBTPS2, SCAP, SREBF1, SREBF2.

Regulation of Translation: EIF2A, EIF2AK3, PPP1R15A, SERP1.

ER Associated Degradation (ERAD): AMFR, DERL1, DERL2, EDEM1, FBXO6, HERPUD1, HTRA2, HTRA4, MBTPS1, MBTPS2, NPLOC4, NUCB1, OS9, SEL1L, SELS, SYVN1, SEC62, UBXN4, VCP.

Ubiquitination: AMFR, EDEM3, HERPUD1, RNF139, RNF5, SEL1L, SEC62, UBE2G2, UBE2J2, UBXN4, UFD1L, USP14, VCP.

Transcription Factors: ATF4, ATF6, ATXN3, CALR, CEBPB, CREB3, CREB3L3, ATF6B, DDIT3, ERN1, ERN2, MBTPS1, PFDN5, SCAP, SREBF1, SREBF2, XBP1.

Protein Folding: CALR, CANX, CCT4, CCT7, DNAJB2, DNAJB9, DNAJC10, DNAJC4, ERO1L, HSPA4L, PFDN2, PFDN5, PPIA, SEC63, SIL1, TCP1, TOR1A, ERP44, UGGT1.

Protein Disulfide Isomerization: DDIT3, DNAJC10, ERO1L, ERO1LB, PDIA3, SELS, SREBF1, ERP44.

Heat Shock Proteins: DNAJB2, DNAJB9, DNAJC10, DNAJC3, DNAJC4, HSPA1L, HSPA4, HSPA5, HSPH1, SEC63.

Apoptosis: MANF, ATXN3, BAX, CALR, CEBPB, DDIT3, EIF2AK3, ERN1, ERN2, HSPA1B, HTRA2, MAPK10, MAPK8, MAPK9, PDIA3, PPP1R15A, SELS, VCP.