Table S3. Selected coding and non-coding nodes in the integrated pathway analysis

Numerical source for Figures 1C, 1F, 2C–D, and 3A–E.

Gene	Class	Pathway context	HGPS vs WT log2FC	Selinexor-treated HGPS vs HGPS log2FC
H19	lncRNA	mTOR + senescence	+7.71	−7.06
UBE2R2-AS1	lncRNA	mTOR + senescence	+4.75	−2.27
MSC-AS1	lncRNA	mTOR + senescence	+1.77	−2.62
MBNL1-AS1	lncRNA	mTOR + senescence	−1.29	+2.03
DDIT4	Protein coding	mTOR	+2.58	−2.44
PIK3CD	Protein coding	mTOR + senescence	+1.18	−1.01
SKP2	Protein coding	mTOR	−0.73 (ns)	+1.22
CHEK1	Protein coding	Senescence	+0.10 (ns)	−2.96
RAD9A	Protein coding	Senescence	+0.37 (ns)	−1.32
ITPR1	Protein coding	Senescence	+0.89 (ns)	−1.79
IGFBP3	Protein coding	Senescence	−1.42	−1.11
STK11	Protein coding	mTOR	+1.57	−1.27 (ns)
RPTOR	Protein coding	mTOR	+2.07	−0.50 (ns)
SLC7A5	Protein coding	mTOR	+2.52	−0.53 (ns)