Table S4. Expression of the four validated lncRNAs in primary fibroblasts

Numerical source for Figure 4A–B; values are mean ± SD.

A. RNA-seq normalized expression (n = 4 per group)

Gene	WT vehicle	HGPS vehicle	HGPS + selinexor	P: HGPS vs WT	P: HGPS vs HGPS + selinexor
H19	0.54 ± 0.07	11.24 ± 6.99	0.72 ± 0.03	0.0022	0.0022
UBE2R2-AS1	1.12 ± 0.87	24.53 ± 10.17	4.28 ± 1.14	0.0002	0.0003
MSC-AS1	55.22 ± 16.32	188.64 ± 35.33	25.88 ± 8.53	<0.0001	<0.0001
MBNL1-AS1	76.62 ± 21.93	31.36 ± 30.25	107.45 ± 14.39	0.0034	0.0002

B. RT-qPCR relative expression (n = 3 biological replicates per group)

Gene	WT vehicle	WT + selinexor	HGPS vehicle	HGPS + selinexor	P: HGPS vs WT	P: HGPS vs HGPS + selinexor
H19	1.20 ± 0.74	0.18 ± 0.05	0.73 ± 0.66	0.13 ± 0.04	0.0127	0.0315
UBE2R2-AS1	1.12 ± 0.55	0.80 ± 0.17	2.30 ± 1.07	1.51 ± 0.62	0.0894	0.0542
MSC-AS1	1.11 ± 0.56	0.76 ± 0.12	1.79 ± 0.56	0.71 ± 0.10	0.2129	0.0415
MBNL1-AS1	1.08 ± 0.49	1.29 ± 0.23	0.38 ± 0.27	1.40 ± 0.20	0.0696	0.0312