

TABLE 1

Class	Phenotype	Number of genes	Genes
1	47S & 45S & 41S down	67	ARPC4 BLM BUB3 C1orf107 C22orf28 CCDC59 CDCA8 CPSF7 CSTF1 CXorf56 DDX24 DDX31 DDX42 DDX51 DHX35 DHX8 DNAJC8 EEF1G EIF2AK2 EIF2S3 EIF4A3 EMG1 ESF1 EXOSC8 FEN1 FRG1 HNRNPF HP1BP3 ISG20L2 KRT18 LUC7L2 MBD3 NCL NO66 NOSIP NPM3 NSUN5 PA2G4 PARN PELP1 PIN4 POLR1A POLR1B POLR2E PRDX1 PRPF19 RBM4B RCC2 RPP14 RRN3 SENP3 SEPT2 SERBP1 SFRS3 SMC5 SNRNP200 TCOF1 TLE1 TOP2A TTF1 TUFM TWISTNB UBE2I UBTF UTP15 ZFC3H1 ZNF638
2	47S up, 34S up, 30S up	51	AATF ABT1 BMS1 CDC5L CIRH1A DDB1 DDX10 DDX41 DDX47 DDX49 DNTTIP2 DUSP11 EXOSC6 FBL FCF1 HEATR1 HNRNPC HNRNPU IMP3 IMP4 KRR1 LSM6 MED21 NGDN NHP2L1 NOC4L NOL10 NOL6 NOL7 NOM1 NOP14 NOP56 NOP58 PLRG1 PWP2 RCL1 RIOK3 RPS11 RRP9 RUVBL1 SF3B14 SRFBP1 TBL3 UTP11L UTP18 UTP20 WDR3 WDR36 WDR43 XRN2 ZNHIT6
3	47S up, 45S up, 41S up	4	DDX1 EIF2S2 GSTCD RBM19
4	41S up, 30S down, 21s down, 18S-E up, 12S down	22	BOP1 BRIX1 CEBPZ CSNK1E DDX27 EBNA1BP2 EEF1A1 FTSJ2 GTPBP4 MAK16 MKI67IP NOC2L NOL9 NOP16 NSA2 PCNA PES1 PRKDC RRP1 RRP15 RSL1D1 WDR74
5	34S up, 26S down, 18S-E down	7	DHX33 HNRNPL POLR2H PRPF8 RBBP4 TOP1 WDR75
6	26S up	8	ARPC1A CSNK1D DKC1 EXOSC10 EXOSC7 PNO1 SKIV2L SKIV2L2
7	21S up, 18S-E down	3	DHX37 RRP12 ZCCHC9
8	21S & 18S-E down	8	DDX18 DDX52 MPHOSPH10 PDCD11 RRP7A UTP14A UTP6 WDR46
9	21S up	6	APEX1 CDK7 KRT7 LTV1 RPP40 RPS3
10	18S-E up	3	RPF1 TSR2 WBSR22
11	47S up, 32S up	21	C4orf43 CDKN2A DDX5 EFTUD2 EXOSC2 GLTSCR2 GNL2 HNRNPD MYBBP1A NCAPG2 NPM1 PAK1IP1 PPIB RRS1 SDAD1 SF3A3 SNRPD2 SPATA5 SRPK1 SUV39H1 THYN1
12	12S up	3	EXOSC5 MPHOSPH6 RING1
13	MISCELLANEOUS	83	ABCF2 ACTG1 BCAS2 BCCIP C18orf21 C20orf132 C8orf59 C9orf114 CBX3 CCAR1 CCT2 CDK9 CENPB COIL CSNK2A1 DDX54 DEK DHX15 DNAJC21 DOM3Z DYRK1B EEF1A2 EFTUD1 EIF5A EWSR1 EXOSC1 FABP5 FAM120B FAM98B FARSB FLNA FTSJ3 GRSF1 GTPBP5 HMGN4 HNRNPR IFI16 ILF3 KIF2C KPNA3 KRI1 LAS1L LSG1 MDN1 MRE11A MRTO4 NAT10 NHP2 NKRF NOB1 NOC3L NSUN2 PHF6 PINX1 PPAN PRPF3 RBM34 RFC3 RFC4 RNF40 RPP38 RPSA RTCD1 RUVBL2 SETX SFRS1 SFRS5 SIRT7 SPTY2D1 SUB1 TCEB3 TCERG1 TGS1 TOPBP1 TRMT112 TRMT1L TRMT6 TSR1 UTP14C VRK1 WDR12 XPO1 ZFP106

In bold type: 3 siRNAs showing the same or a highly similar pre-rRNA profile; regular type: 2 siRNAs with closely-related phenotypes. In red: reduction or accumulation of at least one pre-rRNA species tested of > 2.5-fold; in blue > 2-fold; in green: > 1.5-fold.