

Table 1 Suppl. Primers (forward and reverse) used in this study.

No.	Gene	Primers
1	GUN1	GGAGGTCTATAAGGAGTT TGAGCAACAATGAAGAAT
2	PTM	TGACGATAACGACGATGT AGGACTTGTTGGAGATTCA
3	ABI4	GCCGCTATTATACTCTAC CTGTGAAGAAGATGATGA
4	GUN2	TTCCTGAGTATGCTGAGT CATAACCTTGCTGCCTAA
5	GUN3	CGAGTCTCTGAGATTCTT GCCTTGTAATAATCCTTGAA
6	GUN5	CGTTAGAGAATACCAGAA TTACCATATACCAAGAGATT
7	GUN6	AGTGCCAGTTAGTTATGT GTATGATGATTGTTAGTTCCT
8	RpoTp	CCATCTGCCTATTTCATCA TGCCTCCATACTATCTCT
9	RpoTmp	TCGGAGAATGTGCTAAGATAA TAAGGCTGAACAACCTGGAA
10	SIG1	CAAGCAGCAAGATGTATT CAGCGATGTAACCTATGAAG
11	SIG2	TGTTGTCTCTGTGAAGTC TCAAGTAACGCAATGGAT
12	SIG3	CGACTACCTTATCTATTCC TCAGGAAGGAAGCATAGG
13	SIG4	CCACCAATAAGCATAAGTAGAA GATGATTACGAGGTGGTA
14	SIG5	ACAGATAGTTCCGATACA CGATTCTTGACCACATTA
15	SIG6	GATAAGGCAAGGAGTTAG TGGTTGGATGATGATTAC
16	cpCK2	GATGATTACGAGGTGGTA TTCTTCTTGACAGGCTTA
17	CSK	GTATTACCGAGTGCTGATT AGACTGAGGATGGACAAT
18	PRORS1-1	TGATGTGTCTTCATATAATG TTACCTTCAATTCTTCCT
19	PRPL11	CCTGGGTCAATACAACTC TACCGCTCTTGAACCTCT
20	MRPL11	TCAAGAGAAGTTGCCAGAT CGGAGGGTCAATGTCAAT
21	GLK1	ATCCTCCTCATCTTCATC ATATCTCGTTGGTGCTAT
22	GLK2	CAGTAGAGCAATTAGGTGTAG ATGTTATGGCGAGTGAGA
23	SG1	TCTTGGTTCATCCTTCTT GTCTTAGTAGCAGTTGTTG
25	FLU	GCCATTGAATACCACTCT CCGTTCCATATCTCCAAG
26	CH1	GGTTGTGGAAGTATTGAAT CTCCTTGTAACCTCTGCTA
27	EX1	TGGATGAGGAAGATGAAGA

28	EX2	TCAATCACATTCTGCTCTC AAGAAGACAATCCAGTAA TTAATTCAGAGACACCTT
29	MBS1	AAGTTACAGCACCTGATAT AACAGTGGCATGAAGATT
30	MBS2	AAGTTACAGCACCTGATAT AACAGTGGCATGAAGATT
31	STN7	AGTGTCGGTCTCATATTC ATAGTCGCATCTCTTCAG
32	ZAT10	ACGAAGAAGAAGAAGAAGATATA GTGTCCTCCTAATGCTTGATA
33	Rap2.4a	CCGTAAC TGACCTGACAT AACAAACATATTCTCCGAACAC
34	CDKE1	GGTCAATCAGGCTATCAAT GTCTCGGTGTATAATCCAAT
35	SAL1	CTCTGGAGACCTTCGTAA AGCAAGCACATCTTCTTC
36	XRN2	GTCTGTTGTTGAGGTAA GATTCCGTTTCATATCCAA
37	XRN3	ACCTTCTCCAACAACATT AACACCATCAATAGCCATA
38	XRN4	TTCTCATTAGTCCGTCCAA GCTGCTGGTTCATCTTAG
39	HDS	CTTCCACCAGTAGATGATAA CGACAGAGGAGTAATGAC
40	HPL	TACTGGAGATATGCGTGTT GCTCATTGACAAGTGTAGG
41	TPT	CCTGCCATTATTATTGAG CTGATTGTAGAGGTGATA
42	TRX-f1	GATTGCTCCAAAGTTTCA TAACGACCTTATTATTCTTCAG
43	MOD1	GGCAATATCAGCATCAAGT CTCAGACGCAATATAGGTAAG
44	SSI2	ATGAACAAGTCAAGGAAT CCAGTGTATTAAAGCATAGT
45	AOS	GCGAACTTCAACAATATCA GTCCATTAGAGCCAAGAT

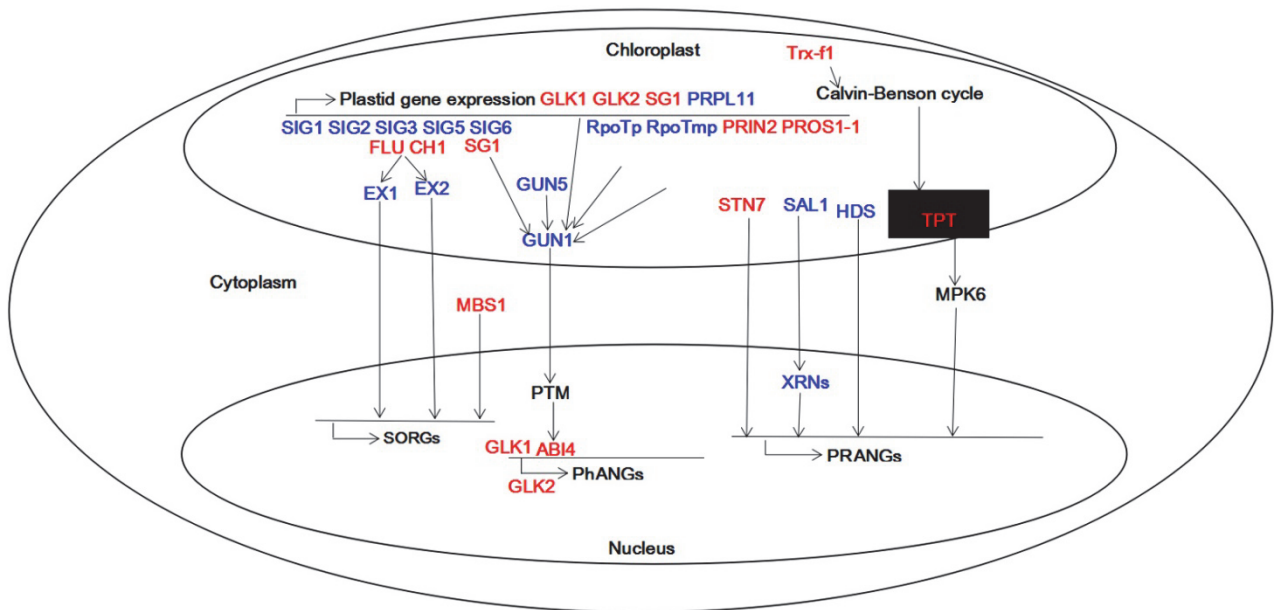


Fig. 1 Suppl. Retrograde signaling pathway mediated by transcription factor TERF1. The genes written in *red* and *blue* capital letter indicate that they are induced and repressed by TERF1, respectively. The gene in *black box* is a transporter.