

Supp. Table S1. Oligonucleotides

Gene	Position	Oligo	Sequence (5' to 3')
ACT1	3' ORF	KB15-ACT1.f2 KB16-ACT1.r2	TTCCCAGGTATTGCCGAAAG CCAATCCAGACGGAGTACTTTC
ACS1	3' ORF	KB36-ACS1.f KB37-ACS1.r	ATCAAGAAGCATTGGTCTTTACTG TGCCAGGGTTTGACAATGTAG
ADH2	3' ORF	LL5-ADH2QA LL6-ADH2QB	GTTAGCGCAGTCGTTAAGGC CAGTACCGTTCGCCCTACAG
ADY2	3' ORF	LL9-ADY2QA LL10-ADY2QB	GGTTGAGTTTCGCTGCAATTT GCAAAGTGACCAATAGACAAC
FBP1	3' ORF	LL11-FBP1QA LL12-FBP1QB	TCTTCTTGTCGCAAGGGTATG TCTTCTTGTCGCAAGGGTATG
ICL1	3' ORF	LL83 LL84	CATTGGCCGGTTTACACACTAAC CGCTAACACCACCTTGAGCTAAC
IDP1	3' ORF	KB178-IDP1-f KB179-IDP1-r	GCTCCTTAGGTTTGATGACTTCTA TGGATGCAATGGAGTTTGTAG
POX1	3' ORF	GL189 GL190	GCCAATTGTGAGGAAAGACTGTATAG TGTGATAGATATCGCCATCAAAGTAAC
MAP2	3' ORF	KB176.MAP2-f KB177.MAP2-r	TCAGGTAATGCCACGTTAG CTAAACCGTGTCTAACCAAGTTATTC
ADH2 p- MAP2	Mutagenic	KB150-MAP2-F  KB155-MAP2-R2	ACAAGTACTGTAGAAGCTCTACCGTAT TGAAAAGAAGCTTACAGCTGAAGCTT CGTACGC  TTATTAGCTTCTTGCTATGGCTTCCTT TCTTTTTGTAGCTTGATATTCTATTTA CCAAGA

ADH2 p- IDP1	Mutagenic	KB152-IDP1-F  KB156-IDP1-R2	CTTATGAAATCTTCCTTCAAGCAATTG TGAGACAACAGACGCAGCTGAAGCTTC GTACGC  GATAACATACTCATGCTGGGCGATCTT CCTTGTGGTAGCTTGATATTCTATTTA CCAAGA
IDP1	5' ORF	IDP1-5'f  IDP1-5'-r	GGAAGATCGCCCAGCATGAG  TCACCGTCCAACCTGACAAC
MAP2	5' ORF	MAP2-5'-F  MAP2-5'-R	GACGCTGAAATAGAAAATTCCCCTG  CTTTCTACTGGGTCTGACTCGTC
IDP1	5' ORF	IDP1-PE	GAAAGCAGCAAGGCGAGAG
MAP2	5' ORF	MAP2-PE	AATCAGAAGCAGGGGAATTTTC
ADH2	5' ORF	ADH2-PE	GAGTTTCTGGAATAGACATTGTG
ADH2	mutagenic	KB146-MX-F	CAGCTGAAGCTTCGTACGC
ADH2	mutagenic	KB147-MX-R	GCATAGGCCACTAGTGGATCTG
ADH2	Mutagenic	KB148-ADH2-F	CAGATCCACTAGTGGCCTATGCCTGATAG TTTGATCAAAGGGG
ADH2	Mutagenic	KB149-ADH2-R	GAGAGCAGTAGTAAGAGTATTTTCGAG
ADH2	Mutagenic	KB154-ADH2-R2	GTAGCTTGATATTCTATTTACCAAGA

MAP2	Mutagenic	KB151-MAP2-R	TTATTAGCTTCTTGCTATGGCTTCCTTCT TTTTGAGAGCAGTAGTAAGAGTATTTCTG G
IDP1	Mutagenic	KB153-IDP1-R	GATAACATACTCATGCTGGGCGATCTCC TTGTGGAGAGCAGTAGTAAGAGTATTTCT GAG

Supp. Table S2. Motif regular expressions used to search *SNF1*-dependent mRNA sequences

Protein	mRNA Region	Consensus Motif
Bfr1p	3'UTR	[TA][AT]T[AT][TA][AT][ACT][AC]TA[TC][AG]TA[TA]
Bfr1p	5'UTR	[TC]TT[TC][TA][AT]T[CT][TCA][CT]T[TC][TA][TC][TA]
Cbc2p	All	C[TC][GT][CG]T[TC]C[TA]T[TC]C[GTA][GC]T[GA]
Cbc2p	CDS	C[TC][GT][CG]T[TC]C[TA]T[TC]C[GTA][GC]T[AG]
Gbp2p	All	T[GT][AC][TAG]GAT[GC]A[ATG]GA[GA]GA
Gbp2p	CDS	TGA[TA]GA[TA][GT][AT][AT]GA[AG]GA
Khd1p	3'UTR	[ACT][AT][ACGT]CATT[AT][CT]
Mrn1p	3'UTR	[TC]TTT[CT]ATTT[CT][TAC][TC][TC]T[TC]
Mrn1p	5'UTR	[TC]T[TC][TCA][TCA][TC]TTT[TC][AC]TT[TC][CT]
Mrn1p	All-1	[TC][TA][TC][TA]T[CT][TC][TA][TC][TC][TA][CT]TT[TC]
Mrn1p	All-2	GC[TC]GC[TA][AGT]C[TC][TAG]C[TC][TGA]CT
Mrn1p	All-3	[CT][AC]A[CT]A[AC]C[AT]A[CT]A[AT][CT][AC][AG]
Mrn1p	CDS	C[TC][TA]C[TC][TA]C[TC][TA]CT
Nab2p	3'UTR-1	A[TC][AG]TA[TC]A[ATC]ATA[TA]A[TC]A
Nab2p	3'UTR-2	[AGT][AG]A[AG]A[AC]G[AC][AGT]
Nab2p	5'UTR	[TCG]T[TC]T[AC][CAT]TT[TC][ATC]T[TA][TC]T[TG]
Nab6p	All	C[TC][AG]C[TC][AT][CA][TAC][AT][CT][TC][AT]CTG
Nab6p	CDS	[GA]C[TC][GA]C[TC]A[CA][ACT][TA]C[TC][AT]CT
Nrd1p	3'UTR-1	[AC][TC]A[CT][AT]TA[TC]ATA
Nrd1p	3'UTR-2	TTCTTGT[AT]
Nrd1p	5'UTR	TT[TC]T[TA][CA][TA][TA][TA][TC][TC][CT]TT[TAC]
Nsr1p	3'UTR	[AGC]T[AG]TA[TC]A[TC]A[CTA][AT][TC]ATA
Nsr1p	5'UTR	GGG[AT]AACGG[AT]
Pab1p	3'UTR-1	[AC]TATATA[TC]A[TC]AT[AG]TA
Pab1p	3'UTR-2	[AT]TATATA[AT]
Pab1p	5'UTR	[TA][TC][TC]T[TA]C[TA][TA][TC][CT][TG][TC][TC]T[TC]
Pin4p	3'UTR	TTTAATGA
Pub1p	3'UTR-1	[TC][TA][TC]T[TA]TT[AT]T[TC][TA][CAT]TTT
Pub1p	3'UTR-2	[ACT]TTTTTT[ACT][AT]
Pub1p	5'UTR	[TC][TC][TC]T[CAT][CT]TTT[TC][TAC][TC][TCA]T[TC]
Puf2p	3'UTR-1	TTTT[CT]T[TC][TC][TC][AC][TC][TC][TA][TC]T
Puf2p	3'UTR-2	TAAT[AT][ACT][TA]TAAT
Puf2p	5'UTR	TT[TCA][TC][TA][TC][CT][TA][TC][TA][ACT][AT][TC][TA][TC]
Puf2p	All-1	T[CT]TT[CT]TT[CT][TA][TA][TC]T[TA][CT]T
Puf2p	All-2	A[TC]A[AT][TCA][AT][AT][TAC]A[AT][TCA]A[AT]TA
Puf3p	3'UTR-1	C[TAC]TGTA[AT]ATA
Puf3p	3'UTR-2	C[ACT]TGTA[AT]ATA[AT]A[AT]A
Puf3p	3'UTR-3	TAATAAT[AT]
Puf3p	5'UTR	T[TC]TT[AT]TTCT[CAT]T[CT][CT][TCA]T

Puf3p	All	C[TCA]TGTA[AT]ATA
Puf4p	3'UTR-1	TGTA[TC]A[TA]TA[TAC][TA]
Puf4p	3'UTR-2	TGTA[ACT][AC][ACGT]TA
Puf4p	5'UTR	T[CTA][TC][AT][CT][AT]T[TA][TC]T[TA]TT[CAT][CTA]
Puf5p	3'UTR	[AT]TTGTA[AT]T[AT]T
Scp160p	3'UTR-1	[AT]TATATA[TAC][ATC]TATATA
Scp160p	3'UTR-2	TT[TA]T[TC]T[CA]TT[TCA][TC][TC][TC][TA]T
Scp160p	5'UTR	[TC]T[TC]TT[TA][TC][TC][ACT]T[TC][TAC][TC][TAC][TC]
Ssd1p	5'UTR-1	T[CT][TAC]TT[TC][AC][CT]T[TA][TA][CT][AC][TC]T
Ssd1p	5'UTR-2	A[GT]TCATTCCTT
Ssd1p	All	[TA]C[TAC][ATG]C[TC][TA][CT][ATC][TA][CT][TC][AT]C[TC]
Ssd1p	CDS	[TA]C[TAC][ATG][CA][TCA][TA]C[CAT][AT][CT][TC][AT]C[TC]
Vts1p	3'UTR	T[GT][AT]CG[AG]GG[ACGT]
Yll032cp	5'UTR	AATACC[CT]

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