

Supplementary Information for Antagonistic co-transcriptional regulation through ARGONAUTE1 and the THO/TREX complex orchestrates *FLC* transcriptional output

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Figures S1 to S10 Table S1 Legend for Dataset S1

Other supplementary materials for this manuscript include the following:

Dataset S1

| | | Total protein native IP SDG26 AGO1 | | Nulcear crosslinl SDG26 | protein ked IP AGO1 |
|-----------|----|--|----|-------------------------------|---------------------------|
| Col-0 | #1 | 0 | 0 | 0 | 0 |
| | #2 | 0 | 0 | 0 | 0 |
| SDG26-GFP | #1 | 9 | 14 | 108 | 1 |
| | #2 | 23 | 11 | 115 | 3 |
| GFP | | 0 | 0 | 0 | 0 |

Figure. S1. AGO1 co-immunoprecipitates with SDG26-GFP. Table listing the number of unique peptides of SDG26 and AGO1 identified in SDG26-GFP total protein native purification and crosslinked IP. Wildtype Col-0 and a transgenic line expressing *GFP* alone were included as negative controls.



Figure. S2. Endogenous FCA or FCA γ protein level is not affected by *ago1-25*. FCA and FCA γ protein level in various genotypes determined by western blot analysis. The asterisk indicates non-specific signal.



Figure. S3. Expression of spliced and unspliced *FLC* relative to *UBC* in various genotypes. AGO1(DDH) and AGO1(DDD) represent wildtype slicer. AGO1(DAH) and AGO1(ADH) represent deficient slicer. All of these lines are in *ago1-25* background. Data are presented as the mean \pm s.e.m (n = 3).



Figure. S4. The size distribution of FCA-mTurquoise2 condensates in the roots of Col-0 and *ago1-25* seedlings with the same copies of FCA-mTurquoise2 transgene. Asterisks indicate significant differences between the two groups (*P \leq 0.0178, two-tailed *t* test).



Figure. S5. DCL3 is not quired for FCA mediated *FLC* silencing. Expression of spliced *FLC* relative to *UBC* in various genotypes. Data are presented as the mean \pm s.e.m (n = 3).



Figure. S6. Physical associations between AGO1, NTC/NTR, THO/TREX and RNA Pol II. (A) String analysis of nuclear AGO1 interactors. (B) Table listing the number of unique peptides of proteins identified in HPR1-GFP native immunoprecipitation. Col-0 was used as a negative control.



Figure. S7. COOLAIR R-loop is not affected in THO/TREX mutants. DRIP–qPCR determining R-loop level in various genotypes. The number on x axis is the distance to *FLC* TSS. Data are mean \pm s.e.m.(n=3).



Figure. S8. MAC7 is required for *FLC* repression. Expression of spliced and unspliced *FLC* relative to *UBC* in various genotypes. Data are presented as the mean \pm s.e.m (n = 4).



Figure. S9. A snapshot of sRNA over the *FLC* locus (AT5G10140) from sRNA sequencing databases. The rectangle in the middle marks the sRNA reads complementary to *COOLAIR* (AT5G01675) from four different published databases.



Figure. S10. Small RNA fragments complementary to *COOLAIR* were enriched over proximal *COOLAIR* intron/exon junction region. (A) A schematic of small RNA fragments mapping over the proximal *COOLAIR* transcript. Navy bars represent forward primers used for cDNA synthesis (see Materials and Methods). Red parts in the schematic represent enlargements of the grey boxes with dashed lines. (B) A rough mapping of small RNA fragments complementary to proximal *COOLAIR* based on RT-qPCR analysis. The positions of the forward primers for amplicons 1-18 refer to the schematic in (A). Data was normalized to Col-0. (C) A fine mapping of small RNA fragments complementary to proximal *COOLAIR* intron/exon junction region based on RT-qPCR analysis. The positions of the forward primers for amplicons 1-8 refer to the schematic in (A). Data was normalized to Col-0. (C) A fine mapping of small RNA fragments complementary to proximal *COOLAIR* intron/exon junction region based on RT-qPCR analysis. The positions of the forward primers for amplicons 1-8 refer to the schematic in (A). Data was normalized to Col-0. (C) A fine mapping of small RNA fragments complementary to proximal *COOLAIR* intron/exon junction region based on RT-qPCR analysis. The positions of the forward primers for amplicons 18 and 18-1 to 18-17 refer to the schematic in (A). miR159 expression level was included as a positive control. Data were normalized to Col-0. Data are mean \pm s.e.m.(n=3).

Table S1. Primers used in this study.

| Primer position | Sequence 5'-3' | Note |
|--|---|-------------------------------------|
| UBC_F | CTGCGACTCAGGGAATCTTCTAA | Note |
| UBC_R FLC_spliced_F | TTGTGCCATTGAATTGAACCC AGCCAAGAAGACCGAACTCA | for RT |
| FLC_spiced_R FLC_unspiced_F | TTTGTCCAGCAGGTGACATC | for RT |
| FLC unspliced_R | CTTTGTAATCAAAGGTGGAGAGC | for RT |
| set2_F | TCATCATGTGGGAGCAGAAG | proximal COOLAIR |
| set2_R set1_LP | TCTCACACGAATAAGGTGGCTA TGGTTGTTATTTGGTGGTGTG | for RT |
| set4_F | GTATCTCCGGCGACTTGAAC | distal COOLAIR |
| Set4_R FLC-158_F | GCCCGACGAAGAAAAAGTAG | for RT |
| Primers used for AGO1-HA RIP-qPCR Primer position (relative to FLC TSS) | Sequence 5'-3' | Note |
| - 5 | CTRILCTCLCTCACCOCATCC | for DT |
| a_r a_R | AGGGGGAACAAATGAAAACC | IGERT |
| b_F b_R | AGTTTGGCTTCCTCATACTTATGG CAATGAACCTTGAGGACAAGG | for RT |
| c_F | TGAAATGTTACGAATACTAGCGTGT GGATCAAAACTACTAGCTAGCCTTG | for RT |
| d_F | AGAACAACCGTGCTGCTTTT | for RT |
| d_R e_F | TGTGTGCAAGCTCGTTAAGC CCGGTTGTTGGACATAACTAGG | for RT |
| e_R | CCAAACCCAGACTTAACCAGAC | for PT |
| t.R | TCTTTTTGTCTTCTATCCAAGGAAT | |
| g_F g_R | TTCACACCACCAAATAACAAC | TOP ICT |
| h_F h B | CACCTTAAATCGGCGGTTG TACAAACGCTCGCCCTTATC | for RT |
| UF | GATATGTAATTATTCCGCTGATAAGG | for RT |
| LF | CGTGTGAGAATTGCATCGAG | for RT |
| j_R Primers used for ChIP (H3K4me1) | AAAAACGCGCAGAGAGAGAGAG | |
| Primer position (relative to FLC TSS) | Sequence 5'-3' | Note |
| FLC392_F | ACTATGTAGGCACGACTTTGGTAAC | |
| FLC249_R FLC -49 F | TGCAGAAAGAACCTCCACTCTAC GCCCGACGAAGAAAAAGTAG | |
| FLC_58_R | TTCAAGTCGCCGGAGATACT | |
| FLC_581_F FLC_672_R | AAACTTCACTCAACAACATC | |
| FLC_1533_F FLC 1670 R | TTGACAATCCACAACCTCAATC TCAATTTCCTAGAGGCACCAA | |
| FLC_2465_F | AGTTTGGCTTCCTCATACTTATGG | 1 |
| FLC_2579_R FLC_3197_F | GGGGCTGCGTTTACATTTTA | |
| FLC_3353_R FLC_3643_F | GTGATAGCGCTGGCTTTGAT TGAAATGTTACGAATACTAGCGTGT | |
| FLC_3752_R | GGATCAAAACTACTAGCTAACCCTTG | |
| FLC_5030_F FLC_5153_R | CCGGTTGTTGGACATAACTAGG CCAAACCCAGACTTAACCAGAC | |
| FLC_5672_F | CCTGCTGGACAAATCTCCGA | |
| FLC_5970_F | CGTGTGAGAATTGCATCGAG | |
| FLC_6088_R Primers used for HPR1-GFP RIP-qPCR | AAAAACGCGCAGAGAGAGAGAG (FLC) | |
| Primer position (relative to FLC TSS) | Sequence 5'-3' | Note |
| LF. | ATTAGGGCACAAAGCCCTCT | |
| I_R ILF | AGCCAAGAAGACCGAACTCA | for RT |
| ILR | TTTGTCCAGCAGGTGACATC | for RT |
| IILR | GGATTTTGATTTCAACCGCCGA | for RT |
| IV_F IV_R | TCTTGGCCAAAGAGAGAGAGTATT | for RT |
| Primers used for HPR1-GFP RIP-qPCR Primer position (relative to FLC TSS) | (COOLAIR) Sequence 5'-3' | Note |
| 3643_F | TGAAATGTTACGAATACTAGCGTGT | for RT |
| 3752_R 5030_F | CCGGTTGTTGGACATAACTAGG | for RT |
| 5153_R 5442_F | CCAAACCCAGACTTAACCAGAC AGATTATAGATACTGCTTCCAAACT | for RT |
| 5553_R | TTCACACCACCAAATAACAAC | |
| 5672_F 5757_R | GGATTTTGATTTCAACCGCCGA | for RT |
| | GATATGTAATTATTCCGCTGATAAGG | for BT |
| 5792_F | | |
| 5792_F 5858_R 5948_F | CGTGTGAGAATTGCATCGAG | for RT |
| 5792_F 5858_R 5948_F 6088_R 6068_R 6066_F | CGTGTGAGAATTGCATCGAG AAAAACGCGCAGAGAGAGAG CTCTCTCTCTGCGCGCTTTTT | for RT |
| 5792_F 5858 R 5948_F 6068_R 6066_F 6171_R Primers used for DRIP-aPCR | CTTGGCCAAAGAGAGAGAGATT CGTGTGAGAATTGCATCGAG AAAACCGCCAGAGAGAGAGAG CTCTCTCTCTGCGCGTTTTT ATTGGGCCGAATGTGACCGA | for RT for RT |
| 5792_F 5858_R 5848_F 6088_R 6006_F 6171_R Primers used for DRIP-qPCR Primer position | CTTGCCA90430430430430430430430430430430430430430 | for RT for RT Note |
| 5792 F 5898 R 5898 R 6008 R 6006 F 6171 R Primer position FLC, 4322 F FLC, 4409 R | CETERGECOMMARIZATION TE CETERGECOMMARIZATE AMMACCCCCAGAGAGAGAGA CETERETERGEGGETTITT ATTEGGECCGAATGTGACCGA Sequence 5'-3' AGAACAACCGTGACTGATTTT TGTGTGCAAGCTCGTTAGC | for RT for RT |
| 5792, F 5848, F 5848, F 6068, F 6071, R Primer position FLC, 4322, F FLC, 4499, R FLC, 4499, R FLC, 4494, F FLC, 5411, R | In Trecudore and a second seco | for RT for RT Note |
| 5782, F 5583, F 5584, F 5584, F 5584, F 5584, F 5574, R Primer position FTC, 2522, F FTC, 458, R FTC, 2532, F FTC, 5342, F FTC, 5342, F FTC, 5417, R FTC, 5427, R FTC, 54 | In Frequence and the second se | for RT for RT Note |
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| 5782, F 5548, F 5548, F 5568, R 5568, R 5608, R 171, R Primer position Primer position Pric., 5422, F FLC, 2439, R FLC, 2539, R FL | In Frequence and a second seco | for RT for RT Note |
| 5782, F 5548, F 5548, F 5648, F 5608, R 171, R Primer soution FLC, 4803, F FLC, 4803, R FLC, 5403, P FLC, 5403, P FLC, 5403, P FLC, 5404, P FLC | ILTISUCAVERSIZENTI CANTEGECCARIAGADEAG GTECTETETEGEGEGATITT ATTEGEGECGATEGEGEGATITT ATTEGEGECGATEGEGEGAT TETTETECARECEGATEGEGE AGACCACACTEGTAGE GETTCCAMETTANGGATAGE TTATTGCAGEGEGATEG AGACCACACTEGTAGEGAGAT TATECACATEGEGAGAGAT CACTEGATEGEGATEG | for RT for RT Note |
| 5782, F 5584, F 5584, F 5694, F 5694, F 6006, F 6717, R Primer position Prince, 920, F Prince, 920, F FLC, 922, F FLC, 949, R FLC, 949, F FLC, 5802, F FLC, 5804, F FLC, | ILI II GUCAWGUADUALIAITI CETTETAGAMATTGATCGAQ Meter Corocada Calabada Corocada Calabada Atter Corocada Calabada Atter Corocada Terrator Corocada Sequence 3° ARAACAACCOATCATAACA TITTITATGCTATGACACA GOTTCCAAACTTGATCAG GOTTCCAAACTTGAACACAT GOTTCCAAACTTGAACACA GOTTCCAAACTTGAACACA GOTTCCAAACTTGAACACA GOTTCCAAACTTGAACACAA GOTTCCAAACTTGAACACAA GOTTCCAAACTTGAACACAA GOTTCCAAACTTGAACACAA GOTTCCAAACTTGAACACAA CACCTTAAATCGACCAAA CACAACTCCACCAACACAACA | for RT for RT Note |
| 5792, F 5955, R 5956, R 5956, R 5956, R 5956, R 1971, R 1972, R 197 | In Frequencial Article | for RT for RT Note |
| 5792, F 5948, F 5948, F 5948, F 6008, R 171, R Primer position Flic , 422, F Flic , 423, F Flic , 423, F Flic , 424, R Flic , 434, | LI LIGIOLAMPICOLIANI LI LIGIOLAMPICOLIANI ANMOCICCOCARAGADADA CTECTECTECTEGOCONTITT ATTEGECCOCANTGTACCA Sequence 5-3 AGAACAACCOTECTECTITT TGTGTCCAACCTGTTAGC GTTCCAACTTATAGCTTAGCA GTTCCAACTTATAGCTTAGCA GTTCCAACTTATAGCATTGAACAC GTTCCAACTTATAGCATTGAACAC GTAGCAATCATCTGAACACAC GTACCAACTTCAACCACTAACCA CAACTACCACCACGACACACACACACACACACACACACAC | for RT for RT Note |
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| 5782, F 5548, F 5548, F 5548, F 5648, F 6008, R 171, R Primer position Price, 9200, F 171, R Primer position FLC, 9403, F FLC, 9403, R FLC, 9403, R FLC, 9404, R FLC, 940 | ILTI TIGUCAWGADADATISAT CONTOCIGANATISATISATI CONTOCIGANATISATISATISATI CITEGTECEGAGGGTITTI ATTISGECCEANTISACEGA Sequence 3-2 AGAACAACCOTCOTTAGG TITTIGTATGGAGCTOTTTIGA AGTAGCAACTACTICTGATAGC TITTIGTATGGAGCGAGAGA GCTTCCAAACTTAAAGCCTTAACA GCTTCCAAACTTAAAGCCTTAACA GCTTCCAAACTTAAAGCCTTAACA CACCTAAATGGAGACAA GCACCCCAAGAAGAAGA CACCTAAATGGAGAGAGAAG TITGTAAAGTCCGATGGAGACT CACCTAGGAGAAGAGAGAG CTTCGAGCAAAGTGGAGATTGC CACCTAGGAGAAGAGAGAG CTTCGACGAAAGTGGAGATTGC CACCTAGGAGAAGTGGAGATTGC CACCTAGGAGAAGAGAGAG TITGTAAGTCCGAGAATTGCA TCGAGCCGAGAGAGAGAGAG TITGTAGGACTGGAGAATTGCA TCGAGCCGAGAGAGAGAGAG TCGAGCCGAGAGAGAGAGAG TCGAGCCGAGAGAGAGAGAG TCGAGCCGAGAGAGAGAGAGAG TCGAGCCGAGAGAGAGAGAGAGAG TTGTAGGACTCGAGAATTGCA TCGAGCCGAGAGTGGAGATTGCA TCGAGCCGAGAGTGGAGATTGCA TCGAGCCGAGAGCGAGAGAGAGAGAG TCGACCGACGCAGAGAGAGAGAGAG TCGAGCCGAGAGAGAGAGAGAGAGAG TCGAGCCGAGAGAGAGAGAGAGAG TCGAGCGAGAGCCGAGAGTGCGAGAGAGAGAGAGAGAGAG | Note Note Note Note |
| 5792, F 5955, R 5956, R 5956, R 5956, R 5956, R 1974, R 197 | ILCI TGUCAWGURGANGANG CETTGIAGANTTGATCGAG MAMAGGGCAGAGAGAGAG CETCETGTGIGGGGTTTTT ATTGIGGGGGGTTTTT ATTGIGGGGGGTTTTT TGTTGIGGGGGGTTAGG TTTTTGTTATGGTTAGGTTA | Note |
| 5792, F 5792, F 5948, F 5948, F 6008, R 6008, R 1071, R Primer position Flic, 422, F Flic, 422, F Flic, 422, F Flic, 424, R Flic, 424, R Flic, 424, R Flic, 424, R Flic, 592, R Flic, 592, R Flic, 592, R Flic, 593, R Flic, | LI LIGUARDANE CALL AND LA | Kor RT Kor RT Note Note Note Note |
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| 5782, F 5782, F 5948, F 5948, F 5968, R 5968, R 171, R Primer soution FLC, 5422, F FLC, 5449, R FLC, 5432, F FLC, 5449, R FLC, 544 | ILTI TIGUARDADIA SUBJATI COMPOSICIA CONTRACTOR ATTEGEOCONDICA SUBJATI CICCTOTCICTOR GOCONDICA ATTEGEOCONDICA SUBJATI ATTEGEOCONDICA SUBJATI ACTACA SUBJATI A | for RT for RT Note Note Note |
| 5792, F 5595, R 5948, F 5948, F 5948, F 5958, R 5958, R Filmer position Filmer posi | ILI I I GUCAWGAGAGAIA TITI CETTETAGAAATTEGATCGAA METEOTOGOAGAGAGAATTEGATCGAA ATTEGATCGAGAGAGAATTEGATCGAA ATTGGACCGAAGTGACGGA ATTGGACCGAAGTGACGGA TITITIGTATGGACGGAGAGTTTTGGA AGTAGCACTACTGTCATAAGC TITITIGTATGGAGGATGGATGGA GCTTCCAAACTTAAAGCACTGGA GCTTCCAAACTTAAAGCACTGGA GCTTCCAAACTTAAAGCACTGGA GCTCCGAAGTAGAGAGAGAGA TAATCACTACTGGGAGAGATTG CACCTTAATCGGCGGAGAATTG CACCTTAATCGGCGGAGAATTG CACCTTAATCGGCGGAGAATTG CACCTTAATCGGCGGAGAGTTG CACCTGGCGAGAAGATGCAG CTGGCGGAGAGAGAGAGAG AAACCGCCCGAGAGAGATGC CACCTGGCGGAGAGATTGCC CGTGTGGAGAACTGCCAT GGGAGTCACCGGCGTATTG TGGCGGCGGAGACGGGCCT TIGTGCCGCGGCGTCT TGCTCCCACCTGGAGACGAGAG TTAGTGGCGTCGAACCACACA TTAGGGTTCCAAACTACCTCT TAACGGCCTCCAACCTGCGGCGT TTAACTAGAGGCGCTATTG | Note |
| 5792, F 5792, F 5963, R 5964, F 5964, F 5964, F 5964, F Filmer position FILC, 5922, F FILC, 5922, F FILC, 5972, F FILC, 5972, F FILC, 5972, F FILC, 5972, F FILC, 5973, F FILC, 5974, F FILC, 5973, F FILC, 5974, F F | ILCI TGUCUANGIANATICATICAA CETTGAGAANTIGATCGAA AMMCGGCAGAGAAAAAAA ATTGGACGGAGAGAAAAAAA ATTGGACGGAGAGAAAAAAAAAA | for RT for RT Note Note Note |
| 5782, F 5782, F 5848, F 5848, F 5848, F 5868, R 5872, R Primer position FLC, 422, F FLC, 440, R FLC, 440, R FLC | LI LI SUCHAWAY CONTROLATION CONTROL C | for RT for RT Note Note Note |
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| 5792, F 5792, F 5936, R 5936, R 5936, R 5936, R 5936, R 171, R | ILTI TIGGLAWGUNGUNGUNG CONTRIGUNGUNGUNGUNGUNGUNGUNGUNGUNGUNGUNGUNGUNG | Note |
| 5792, F 5792, F 5948, F 5948, F 5948, F 5958, R 5958, R 5958, R Filler, C Filler, C Filler, C Filler, C 5972, R Filler, C 5973, R Filler, C 5974, R 5975, R | LI LIGUANCICOLANDIA LI LIGUANCICOLANDIA MANGOGOCACHAGAADAGAG CTECTECTECTEGOGOCATITT ATTEGGECOGAATGTAACGA STUTGGECOGAATGTAACGA TTEGGECOGAATGTAACGA TTEGTECAACCTGATAGGA TTTTTTTTGGTTAGGATTAGGA GCTTCCAACTTAAAAGGCGGGTTG TACAACGACTGTTAGGA GCTCCAACTTAAAGGCGGGGTG GGAGAGTCACCGGGGGTTG TACAACGGCGGGGGTG TGCACTGCGGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG GGAGAGCGCGGGGGTG TGCACTGCGGGGGTG GGAGAGCGCGGGGGTG TGCACTGCGGGGGTG GGAGAGCGGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG TGCACTGCGGGGGTG TGCACTGGGGGGGGGG | Note |
| 5782, F 5782, F 5848, F 5848, F 5848, F 5868, R 5868, R 171, R Printer soution FLC, 422, F FLC, 440, R FLC, 422, F FLC, 440, R FLC, 424, R FLC, 424 | LI I I I I I I I I I I I I I I I I I I | Note Note Note Note |
| 5782, F 5782, F 5948, F 5948, F 5948, F 5948, F 10065, F 6717, R Primer sould for DRIP-qPCR Primer sould for DRIP-qPCR Primer sould for DRIP-qPCR Primer sould for DRIP-qPCR Price 5942, F FLC, 4408 R FLC, 4408 R | LI I I SUCKNOWN AND AND AND AND AND AND AND AND AND AN | Note |
| 5792, F 5792, F 5936, R 5936, R 5936, R 5936, R 5936, R 5936, R Filmer position Filmer position Filmer position Filmer position FILC, 4932, R FILC, 5932, F FILC, 5932, F F | ILTI TIGGUAWGADAGATAGATTAGA CONTORGANATTGATGAGG CTGCTGTGTGGGGGGTTTTT ATTGGGCGGATGTGACGGA Sequence 3-2 AGAAAACCGTGCTGTTAGG TTTTTGTGTGCAGGTGGTTAGG TTTTTGTATGGTAGGATTTTGGA GGTTCGAAACTGTGATAGGAT TATGATGTGGGGGGAAGATTGGA GGTTCGAACTTGATCAGGAGAAT TATGATGTGGGAGGAGAGAGA GGTTGGAAGATGGGGGAGAT CACGTTAATGGGGGGAGAT CACGTGGGAGAAGAGAGAGA TGTGTGGAGATTGGAGAATTGGA TGTGTGGAGATTGGAGAATTGGA TGTGTGGAGATTGGAGAATTGGA TGTGTGGAGATTGGAGAATTGGA TGTGTGGAGATCGATGGGG TTTGTGAGAATTGGATGGAG TGTGTGGAGATCGATGGGG TTTGGAGAATTGGATGGAG TGTGGGGAGAGGGGGTG TGTGTGGAGATCGATGGGGT TTGTGTGGAGATTGGAGAATTGGA TGTGTCGAGATCGATGGGGTCA TTGTGGGAGGGGGGAGAGGGC TTGTGGGAGATGTGGAGAATTGGA TGTGTCGACATCGAGGGGTAT TGGGGGGGAGAAGGGGCT TGTGTCGACATTGGAGAATTGGAT TGGGGGGGAGAAGGGGGA TTGTGGGGGGGAGAGGGGCT TGTGTCGACATTGGGGGCTA TGGGGGGGAGAAGCGGGCT TGCGACATGTGGGGAGAATTGCT TGGGAGATGTGGGGGAGAAGGACT TTGTGGGGGGGAGAAGCGACA TTGTGGGGGGGAGAAGCGCA TGCGCACATCTTAATTGGCCACGGCT TGCGCACATCTTAATTGGCCACGGCT TGCGCACATCTTAATTGGCCACGCCC TGCCGACATCTTAATTGGCCACCGCC CACTGTTAATTAGGCACCCC CACGTTAATTAGGCCACCCC CACTGTTAATTAGGCCACCC TGCCACATCTTAATTGGCCACCCC CACTGTTAATTAGGCCACCC TACTGGCGACGCTTAAT TGCGACGCCTTAATTGGCCACCCC CACTGTTAATTAGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCC CACTGTTAATTGGCCACCCCC CACTGTTAATTGGCCACCCCC CACTGTTAATTGGCCACCCCC CACTGTTAATTGGCCACCCCC CACTGTTAATTGGCCACCCCC CACTGTCACATTGGCCACCCCC CACTGTTAATTGGCCACCCCC CACTGTCACATTGGCCACCCCC CACTGTCACATTGGCCACCCCC CACTGTCACATTGGCCACCCCCC CACTGTCACATTGGCCCCCCCCCC | Note Note |
| 5792, F 5792, F 5948, F 5948, F 5948, F 5958, R 5958, R 5958, R 5958, R Filler, R Filler, Star Filler, Filler, Star Filler, Star | LI LIGUARDICAL TARACTARA | Note |
| 5782, F 5782, F 5848, F 5848, F 5848, F 5848, F 5848, F 171, R Primer position Flic, 422, F Flic, 423, F Flic, 4243, R Flic, 572, R Flic, 5730, F Flic, 5830, R Flic, 5730, F Flic, 5834, R Flic, 5730, F Flic, 5838, R Primer used for short RNA fragments Primer test for short RNA fragments | LI I I I I I I I I I I I I I I I I I I | Note Note Note |
| 5782, F 5782, F 5948, F 5948, F 5948, F 5948, F 171, R Primer sould for DRIP-qPCR Primer sould for DRIP-qPCR FIC, 5949, F FIC, 5949, | LI I I SUCKNOWN I AND | Note |
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Dataset S1 (separate file). List of proteins identified by HPR1-GFP affinity purifications.