Sequences of primer pairs used for ChIP-qPCR. *YER*: Heterochromatic region on chromosome V.

|  |  |  |
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| **Gene** | Sequence (5'-3') fwd primer | Sequence (5'-3') rev primer |
| ***ADH1* (1)** | AGCCGCTCACATTCCTCAAG | ACGGTGATACCAGCACACAAG |
| ***ILV5* (2)** | CTATCAAGCCATTGTTGACC | CTTGAAGACTGGGGAGAAAC |
| ***ILV5* (3)** | ACACCATCAGAAACATGGAA | TGGTTTTCTGGTCTCAACTTT |
| ***PDC1* (4)** | TGTTCGAAAGATTAAAGCAAGTCA | TTGAAGTCACCTGGCAAACC |
| ***PDC1* (5)** | CACTTTCCCAGGTGTCCAAA | CTTAGCGGCGTCAGCAATAG |
| ***PMA1* (6)** | TGACTGATACATCATCCTCTT | TTGGCTGATGAGCTGAAACAGAA |
| ***PMA1* (7)** | GGGTTCCGTGCTTTAGGTGT | CACCCAAGATTTCCCAGTGA |
| ***YER*** | TGCGTACAAAAAGTGTCAAGAGATT | ATGCGCAAGAAGGTGCCTAT |

Sequences of primer pairs used for strain generation.

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| **Strain** | Sequence (5'-3') fwd primer | Sequence (5'-3') rev primer |
| **ΔRRM-Set1-TAP** | CTTATTTGTTGAATCTTTATAAGAGGTCTCTGCGTTTAGAGAATGAAGAGACAACAGATTGCATCTAAAATTGC | GATATGTTAAATCAGGAAGCTCCAAACAAATCAATGTATCATCGTCGATGAATTCGAGCTCGTTTAAACT |
| **ΔPaf1 Set1-TAP** | GACAGAAATGTATTCAGTACAATAGAACAGTGCTCATAATAGTATAACCGCTAGGGATAACAGGGTA | CTACAGGTTTAAAATCAATCTCCCTTCACTTCTCAATATTCTACGACAGCAGTATAGCGACCA |