

OLIGONUCLEOTIDES USED Molla-Herman. A et al, 2015			
Rpp30 18.2 DNA sequencing	Sequence Forward	Sequence Reverse	
1	5'-GGACTGCCACCTGGTATGCTTTTC-3'	5'-AGCCTAAAATGGAGCAAACAAGG-3'	
2	5'-CGCCGACCACCTGCTGAAGATAACG-3'	5'-CAAACGTGGTCCGAGATGTTCC-3'	
3	5'-GCGTGCTCAGTTCCGCTTTGACTTC-3'	5'-TGGCCACGCGATGGTAGGA-3'	
4	5'-TAGTGTGACCGTGTATTGTGCC-3'	5'-CGGGTATAGTTAGACATGTAGTGC-3'	
Northern Blot probes	Sequence	Reference	
tRNA-his-5'trailer	5'-ACGGCTACATCGGGTAT-3'	Dubrovsky. EB et al. NAR, 2004	
tRNA-his-3'trailer	5'-CCCAACTCCGTGACAATGTTTGTTCACAC-3'		
tRNA-his-Internal Probe	5'-GAACCTGGGTTACCACGGCCACAA-3'		
RT-qPCR for TEs	Sequence Forward	Sequence Reverse	Reference
<i>412</i>	5'-CACCGTTTGGTCGAAAG-3'	5'-GGACATGCCTGGTATTTTGG-3'	Chengjian Li et al. Cell 2009
<i>Accord</i>	5'-ACAATCCACCAACAGCAACA-3'	5'-AAAAGCCAAAATGTCGGTTG-3'	
<i>Accord2</i>	5'-TTGCTTTCGGACTTCGTCTT-3'	5'-TTCCACAACGAAAACAACCA-3'	
<i>Actin5c</i>	5'-AAGTTGTGCTCTGTTGTGCG-3'	5'-GCCACACGCAGCTCATTGTAG-3'	
<i>Diver2</i>	5'-CTTCAGCCAGCAAGGAAAC-3'	5'-CTGGCAGTCGGGTGTAATT-3'	
<i>gtwin</i>	5'-TTCGCACAAGCGATGATAAG-3'	5'-GATTGTTGACGGCGACCTT-3'	
<i>HeT-A</i>	5'-CGCCGCGAACCATCTTCAAGA-3'	5'-CGCCGCGAGTCGTTTGGTGTAGT-3'	
<i>Hopper</i>	5'-GGCTGGCTTCAACAAAAGAA-3'	5'-GGACTCCGAAAACGTCATA-3'	
<i>I-element</i>	5'-GACCAATAAAAAATAATACGACTTC-3'	5'-AACTAATTGCTGGCTTGTATG-3'	
<i>Invader1</i>	5'-GTACCGTITTTGAGCCGTA-3'	5'-AACTACGTTGCCATTCTGG-3'	
<i>Max</i>	5'-TCTAGCCAGTCGAGGCGTAT-3'	5'-TGGAAGAGTGTGCGTTTGTG-3'	
<i>mdg1</i>	5'-AACAGAAACGCCAGCAACAGC-3'	5'-CGTCCCATGTCGGTGTGAT-3'	
<i>Rt1a</i>	5'-CCACACAGACTGAGGCAGAA-3'	5'-ACGCATAACTTCCGGTTTG-3'	
<i>ZAM</i>	5'-ACTTGACCTGGATACACTCAACAAC-3'	5'-GAGTATTACGGCGACTAGGGATAC-3'	
<i>rp49</i>	5'-CCGCTTCAAGGGACAGTATCTG-3'	5'-ATCTCGCCGAGTAAACGC-3'	Olivieri. D et al. EMBO J 2010
<i>Tabor</i>	5'-ACGTTGTTACGACATTAGCCG-3'	5'-GGGTTGGTTCGGATCTGACG-3'	
<i>Tart</i>	5'-TTTTCCGGATCCAAGTGAAC-3'	5'-TCTGGTCTGCGAAGTGTG-3'	
<i>G element</i>	5'-CAGAACAAGTGCCTGAGTCAATCG-3'	5'-GTCCAGTCGTTAGCGTATCTCTCG-3'	Klenov. MS et al. PNAS 2011
<i>F element</i>	5'-AGATCCGGCAGACATTCAG-3'	5'-ACTTGACCATGTTTCCCCC-3'	
<i>Blood</i>	5'-AACAAATAGAAAAGCCACCGAAC-3'	5'-AGTCATGGACTATTGAGGGTGTG-3'	Handler. D et al. Mol Cell 2011
<i>copia</i>	5'-AGCAAAACACCCTCATGTC-3'	5'-GCAAAACCAATTTGTCTCGT-3'	Zhao Zhang et al. Mol Cell 2011
<i>Rpp30</i>	5'-CTCCATAATCTCGGGAAGTT-3'	5'-CAGTGCAGCAGTCTTAGATG-3'	This study
chIP qPCR for piRNA clusters	Sequence Forward	Sequence Reverse	Reference
d1-A	5'-CGTCCCAGCCTACCTAGTCA-3'	5'-ACTTCCCGGTGAAGACTCCT-3'	Klattenhoff.C, et al. Cell 09
d1-B	5'-GCAGATGAGCTGAAACGAAA-3'	5'-TCGCAGTCGTGTAATCCAAA-3'	
d1-C	5'-CGCTGTTGAAAGCAAATTGA-3'	5'-GAGACCTTCGCTCCAGTGTG-3'	
d2-A	5'-GCCTACGCAGAGGCTAAGT-3'	5'-CAGATGTGGTCCAGTGTG-3'	
d2-B	5'-CTGCTTGTGCTTGGAGATG-3'	5'-TCTGCACAGATTCTGAAATTGAA-3'	
kismet	5'-CGCGGCTTAGAAGGTATCA-3'	5'-CAATCTGGATATCCGCATT-3'	This study
rfabg	5'-AGACGTGAATCAACAGATCG-3'	5'-GCCAGCAGACTTAACAGTTG-3'	
RTqPCR for piRNA clusters	Sequence Forward	Sequence Reverse	Reference
Cl.1-A	5'-CGTCCCAGCCTACCTAGTCA-3'	5'-ACTTCCCGGTGAAGACTCCT-3'	Klattenhoff.C, et al. Cell 09
Cl.1-A'	5'-GTTCTAGTACGTAGGCATAATTCC-3'	5'-AAGCAGCACTGGCTTCT-3'	This study
Cl.1-B	5'-CTATTATTGGCACTGCTATCC-3'	GGACCAATTAGCGCGAAGAC	Pane Schupbach embo j 2011
Cl.2-S1	CGTACACTTAATGAGTTCAATTCCG	CCAACGGAGAATGTCTAAATATGCA	This study

Supplemental References:

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Olivieri, D., Sykora, M.M., Sachidanandam, R., Mechtler, K., and Brennecke, J. (2010). An in vivo RNAi assay identifies major genetic and cellular requirements for primary piRNA biogenesis in Drosophila. *EMBO J* 29, 3301-3317.

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