

В

VR5'end	$\tt CGCTGCTGCGCTATTCGGCGGCAGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5'-01	$\tt CGCTGCTGCGCT{\color{red}A}TTCGGCGGCGTTTCTGTCTGCGTTTGTGTTCCTGTGCT{\color{red}A}GCTT$	57
R2HP5′-02	$\tt CGCTGCTGCGCT{\color{red}A}TTCGGCGGC{\color{red}A}GGTCTGTCTGCGTTTGTGTTCCTGTGCT{\color{red}A}GCTT$	57
R2HP5′-03	$\tt CGCTGCTGCGCTATTCGGCGGCGGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5'-04	$\tt CGCTGCTGCGCTATTCGGCGGCAGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′-05	$\tt CGCTGCTGCGCT{\color{red}A}TTCGGCGGC{\color{red}A}GCTTTGTCTGTGTTTCCTGTGCT{\color{red}A}GCTT$	57
R2HP5′-06	$\tt CGCTGCTGCGCT{\color{red}A}TTCGGCGGC{\color{red}A}GCTTTGTCTGTGTTTCCTGTGCT{\color{red}A}GCTT$	57
R2HP5'-07	$\tt CGCTGCTGCGCTATTCGGCGGCGGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5'-08	$\tt CGCTGCTGCGCTATTCGGCGGCAGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′ 09	$\tt CGCTGCTGCGCTATTCGGCGGCGGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′_10	$\tt CGCTGCTGCGCTATTCGGCGGCAGGTCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′ 11	$\tt CGCTGCTGCGCTATTCGGCGGCAGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′ 12	$\tt CGCTGCTGCGCTATTCGGCGGCAGATCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′_13	$\tt CGCTGCTGCGCTATTCGGCGGCAGCTCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
R2HP5′_14	$\tt CGCTGCTGCGCT{\color{red}A}TTCGGCGGC{\color{red}A}GCTTTGTCTGTGTTTCCTGTGCT{\color{red}A}GCTT$	57
R2HP5' 15	$\tt CGCTGCTGCGCTATTCGGCGGCAGTTCTGTCTGCGTTTGTGTTCCTGTGCTAAGCTT$	57
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wtHP3'End
R2HP3' 01
       R2HP3′ 02
       R2HP3' 03
       R2HP3' 04
       R2HP3′_05
       TCTAGATCTGTCTGCGTTTGTGTTCCTGTGCTAGCCATCGGGGCGCGCGGCGTCTGTGAC 60
       R2HP3' 06
R2HP3' 07
       R2HP3' 08
       R2HP3' 09
       R2HP3' 10
       R2HP3' 11
       R2HP3'_12
       TCTAGATCTGTCTGCGTTTGTGTTCCTGTGCTAGCCATCGGGGCGCGCGGCGTCTGTGAC 60
R2HP3' 13
       R2HP3' 14
       R2HP3' 15
       TCTAGATCTGTCTTGTGTTTCCTGTGCTGTCCGTCGGGGCGCGCGCGCGTCTGTGAC 60
R2HP3'
    _16
       TCTAGATCTGTCTGCGTTTGTGTTCCTGTGCTGTCCGTCGGGGCGCGCGCGCGTCTGTGAC 60
R2HP3' 17
       R2HP3' 18
       TCTAGATCTGTCTGCGTTTGTGTTCCTGTGCTAGCCATCGGGGCGCGCGGCGTCTGTGAC 60
R2HP3' 19
       TCTAGATCTGTCTGCGTTTGTGTTCCTGTGCTAGCCATCGGGGCGCGCGGCGTCTGTGAC 60
R2HP3' 20
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                                     G/C
wtHP3'End
       CACCTGATTCTTGAGTAGCGGGGCCGAAAGGCCCCGCCAAGGCAACCGATG 111
R2HP3' 01
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 02
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 03
       CACCTGATTCTTGAGTAGGCCCCGGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 04
       CACCCGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 05
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 06
       CACCTGATTCTTGAGTAGGCCCCGGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3′ 07
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 08
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 09
       CACCTGATTCTTGAGTAGGCCCCGGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 10
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3′ 11
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3'_12
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3'_13
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 14
       CACCTGATTCTTGAGTAGGCCCCGGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 15
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 16
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 17
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 18
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3′_19
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
R2HP3' 20
       CACCTGATTCTTGAGTAGGCCCCGGGAAACCGGGGCCCAAGGCAACCGATG 111
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