

CLUSTAL 0(1.2.3) multiple sequence alignment

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MeF6' H_RNAi      -----CCAACACTTGCAGAATCAGCC-----ACTGACTCCTTTGATCTCACTGATTTT
MeF6' H1          ATGGCTCCAACAATGGCA-----GTATCATCAGCTGATCCCTTTGATCTCACTGATTTT
MeF6' H2          ATGGCTCCAACAATGGCA-----GTATCATCAGCTGATTCCTTTGATCTTACTGATTTT
MeF6' H3          ATGGCTCCAACACTTGCAGAATCAGCC-----ACTGACTCCTTTGATCTCACTGATTTT
MeF6' H4          ATGGCTCCAGCAATGGCA-----TTATCATCCACCGATTCCCTTTGATCTCACTGATTTT
MeF6' H5          ATGGCTCCAGCAATGGCA-----GTGTCATCCACAGATTCCCTTTGATCTCACTGATTTT
MeF6' H6          ATGGCTCCAACACTTGCAGAATCAACCAGTACGCGCTCCGCTTTGATATCGCCGATTTT
MeF6' H7          ATGGCTCCAACAATGGCA-----ATATCATCAGCTGATTCCTTTGATCTCACTGATTTT
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MeF6' H_RNAi      GTAATCAACCAAGGCAATGGCGTTAAGGGCCTTTCTGATTGGGCATCAAAAGCCTTCCT
MeF6' H1          GTCATAAACAAAGGAATGGAGTGAAGGGTCTTTCTGATTGGGCATCAAAAGCCTTCCT
MeF6' H2          GTCATAAACAAAGGAATGGAGTGAAGGGTCTTTCTGATTGGGCATCAAAAGCCTTCCT
MeF6' H3          GTAATCAACCAAGGCAATGGCGTTAAGGGCCTTTCTGATTGGGCATCAAAAGCCTTCCT
MeF6' H4          GTCATTAACAAAGGCAATGGAGTAAAGGGTCTTTCTGATTGGGCATCAAAAGCCTTCCC
MeF6' H5          GTCATTAACAAAGGCAATGGAGTAAAGGGTCTTTCTGATTAGGCATCAAAAGCCTTCCC
MeF6' H6          GTGATCAACCAAGGAATGGCGTAAAGGGTCTCTCTGAGTTGGGCATCAAAAGCCTTCCT
MeF6' H7          GTCATAAACAAAGGAATGGAGTGAAGGGTCTTTCTGATTGGGCATCAAAAGCCTTCCT
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MeF6' H_RNAi      ATACAATATATTCAACCCAAGAAGCATTAAATCAATATCATCCCTAATGAATCCATACCT
MeF6' H1          TCTCAATATATTCAACCCAAGAAGCATTGATCAATATCATCCCAACAATCCATTCCC
MeF6' H2          TCTCAATATATTCAACCCAAGAAGCATTGATCAATATCATCCCAACAATCCATTCCC
MeF6' H3          ATACAATATATTCAACCCAAGAAGCATTAAATCAATATCATCCCTAATGAATCCATACCT
MeF6' H4          TCTCAGTATATTCAACCTCAAGAGGCATTGATCAATATCATCCCAAAAAATCTATTCTT
MeF6' H5          TCTCAATATATTCAACCCAAGAGGCACTTATCAATATCATCCCAAAAAATCTATTCTT
MeF6' H6          CGCCAATATATTCAACCAAGAAGCATTGATCAACATCATCCCAAAATCCATCCCT
MeF6' H7          TCTCAATATATTCAACCCAAGAAGCATTGATCAATATCATCCCAAAAAATCCATTCCC
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MeF6' H_RNAi      GTCATTGACATGTCAAACCTGGGAAAATGATCCTAAGATTGCAGAATCTGTATGTGAAGCT
MeF6' H1          GTCATTGACATGTCTAACTGGGAAAATGATCCCAAAGTCGCTGAATCAGTCTGCGAAGCT
MeF6' H2          GTCATTGACATGTCAAACCTGGGAAAATGATCCCAAAGTCGCTGAATCAGTCTGCGAAGCT
MeF6' H3          GTCATTGACATGTCAAACCTGGGAAAATGATCCTAAGATTGCAGAATCTGTATGTGAAGCT
MeF6' H4          GTTATTGATATGTCAAACCTGGGAAAATGACCCAGAGTTGCTGAATCAGTCTGTGAAGCT
MeF6' H5          GTTATTGATATGTCAAACCTGGGAAAATGACTCCAAAGTTGCTGAATCAGTCTGTGAAGCT
MeF6' H6          GTCATTGACATGGCCAACTGGGAAAATGATCCCAACATCGCTGAATCTGTCTGTGAAGCT
MeF6' H7          GTCATTGACATGTCTAACTGGGAAAATGATCCCAAAGTCGCTGAATCAGTCTGCGAAGCT
                  ** ***** ** * ** * ** * ** * ** * ** * ** *

MeF6' H_RNAi      GCTGAGAGATTTGGATTTTCCAGCTTGTTAACCATGGAGTTACTCTTGAAGTTCTTGAG
MeF6' H1          GCTCAGCAATTTGGCTTCTTTCAGCTGGTTAACCATGGCGTGCCACTTGAGGTAAGTCTGAT
MeF6' H2          GCTCAGCAATTTGGCTTCTTTCAGCTGGTTAACCATGGCGTGCCACTTGAGGTAAGTCTGAT
MeF6' H3          GCTGAGAGATTTGGATTTTCCAGCTTGTTAACCATGGAGTTACTCTTGAAGTTCTTGAG
MeF6' H4          GCAGAGAAATTTGGCTTCTTCCAGCTGGTTAACCATGGCGTGCCACTTGAGGTAAGTCTGAT
MeF6' H5          GCAGAGGAATTTGGCTTCTTTCAGTTGGTTAACCATGGCGTGCCACTTGAGGTAAGTCTGAT
MeF6' H6          GCTGAGACATTTGGATTCTTTCAGCTTGTTAACCATGGCGTTCCTCTTGAGGTCCTTGAC
MeF6' H7          GCTCAGCAATTTGGCTTCTTTCAGTTGGTTAACCATGGCGTGCCACTTGAGGTAAGTCTGAT
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MeF6' H_RNAi      GGTGTTGAGGATGCAACTCATGGTTTCTTTGGACTTCCGGCGGCCGTAAAGAGAACATAT
MeF6' H1          GGAGTCAAGGACGCAACACATCGTTTCTTTGGTTTACCAGCAGAGGAGAAGAGGAAATAT
MeF6' H2          GGAGTTAAGGATGCAACGATCGTTTCTTTGGTTTACCAGCAGAGGAGAAGAGGAAATAT
MeF6' H3          GGTGTTGAGGATGCAACTCATGGTTTCTTTGGACTTCCGGCGGCCGTAAAGAGAACATAT
MeF6' H4          GGCGTTAAGGATGCAACCATCGGTTCTTTGGGTTGCCAGCAGAGGAGAAGAGGAAAGTTC
MeF6' H5          GGCGTTAAGGATGCAACCATCGGTTCTTTGGGTTGCCAGCAGAGGAGAAGAGGAAAGTTC
MeF6' H6          GGTGTTAAGGATGCAACGATCGTTTCTTTGGGTTGCCAGCTGCTGTGAAGAGGAAATAT
MeF6' H7          GGAGTTAAGGATGCAACACATCGTTTCTTTGGTTTACCAGCAGAGGAGAAGAGGAAATAT
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MeF6' H_RNAi      TCTAAAGAGCTTTCTCCTTCTAACAGTGTGAGATTGGCACTAGCTTTAGTCCTGATTCT
MeF6' H1          TCCAAGGAGCTTTCTTCTACTAACAGCGTCAGGTTTGGAAACCAGCTTTAGTCCTGATGCA
MeF6' H2          TCCAAGGAGCTTTCTTCTACCAACAGCGTCAGGTTTGGAAACCAGCTTTAGTCCTGATGCA
MeF6' H3          TCTAAAGAGCTTTCTCCTTCTAACAGTGTGAGATTGGCACTAGCTTTAGTCCTGATTCT
MeF6' H4          TCCAAAGAGCTTTCTTCCACCAACAATATCAGATTGGAAACCAGCTTTAGTCCTGATGCA
MeF6' H5          TCCAAAGAGCTTTCTTCCACCAACAATATCAGATTGGAAACCAGCTTTAGTCCTGATGCA
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MeF6' H6	TCTAAGGAGCTTTTCGCCCTTCTAACAGTGTAGATTGGCACCAGCTTTAGCCCTGATTCT
MeF6' H7	TCCAAGGAGCTTTCTTCTACCAACAGCGTCAGGTTTGAACCAGCTTTAGTCCTGATGCA
	** ** ***** * * **** * ** ***** ** ***** ***** *
MeF6' H_RNAi	GAGAAAGCTCTTGAATGGAAGACTACCTTAGCCTTTTCTATGTCTCCGACGACGAGGCT
MeF6' H1	GAGAAAGCTCTTGAATGGAAGGATTATCTCAGCCTCTTTTATGTCTCTGAGGAAGAGGCT
MeF6' H2	GAGAAAGCTCTTGAATGGAAGGATTATCTCAGCCTCTTTTATGTCTCTGAGGAAGAGGCT
MeF6' H3	GAGAAAGCTCTTGAATGGAAGACTACCTTAGCCTTTTCTATGTCTCCGACGACGAGGCT
MeF6' H4	GAGAAAGCTCTTGAATGGAAGATTACCTTAGCCTCTTCTATGTCTCTGAGGAGGAGGCT
MeF6' H5	GAGAAAGCTCTTGAATGGAAGATTACCTTAGCCTCTTCTATGTCTCAGAGGAGGAGGCT
MeF6' H6	GAGAAAGCTCTTGAATGGAAGATTATCTCAGCCTTTTCTATGTCTCTGAGGAAGAAGCT
MeF6' H7	GAGAAGGCTCTTGAATGGAAGGATTATCTCAGCCTCTTTTATGTCTCTGAGGAAGAGGCT
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MeF6' H_RNAi	AAT-----
MeF6' H1	TTTGCATTATGGCCCAATGCTTGCAGAGATGAAGTTCTTGAATACATGAAGAGATCCCAA
MeF6' H2	TTTGCATTATGGCCCAATGCTTGCAGAGATGAAGTTCTTGAATACATGAAGAGATCCCAA
MeF6' H3	AATGCATTGTGGCCTCCTCAGTGAAGGATGAATGCTTAGAATACATGAAGAAAGCAGAA
MeF6' H4	TCTGTATTGTGGCCTTCTGCTTGCAGAGATGAAGTCCTTGAATACATGAAGAAATCTCAA
MeF6' H5	TCTGTATTGTGGCCTTCTGCTTGCAGAGATGAAGTCCTTGAATACATGAAGAAATCTCAA
MeF6' H6	TCTGCATTGTGGCCTCCTGAGTGAAGGATGAATGCTTGGAGTACATGAAGAAATCTGAA
MeF6' H7	TTTGCATTATGGCCTAATGCTTGCAGAGATGAAGTTCTTGAATACATGAAGAGATCCCAA
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MeF6' H_RNAi	-----
MeF6' H1	ATCCTTTGCCGAAAGCTAATGAGTGCTCTCATGGAGAATCTGAACGTGAAGGAAATAGAT
MeF6' H2	ATCCTTTGCCGAAAGCTCATGAGTGCTCTCATGGAGAATCTGAACGTGAAGGAAATAGAT
MeF6' H3	ATTCTATGCAAAAAGCTATTAAGTGCCTAATGGAGAGACTCAATATAAAGAAATAGAT
MeF6' H4	GTCTCTGCACGAAGCTAATGACTGCACCTCATGGAGAACTGAACGTAAAAGAAATAGAC
MeF6' H5	GTCTCTGCACGAAGCTAATGAGTACACTCATGGAGAACTGAACGTAAAAGAAATAGAC
MeF6' H6	ATCTTATGCAGAAAGCTTTGACTGCATTAATGGAGAGACTCAATGTAAAAGAAATAGAC
MeF6' H7	ATCCTTTGCCGAAAGCTCATGAATGCTCTCATGGAGAATCTGAACGTGAAGGAAATAGAT
MeF6' H_RNAi	-----
MeF6' H1	GAAACAAAAGAATCTCTTCTAATGGGATCTAAAAGAATCAACCTCAACTACTATCCCAGA
MeF6' H2	GAAACAAAAGAATCTCTTCTAATGGGATCTAAAAGAATCAACCTCAACTACTATCCAAGA
MeF6' H3	GAAAAGAAAGAGTCTCTTTAATGGGATCAAGAAGATTAACTTAACTATTATCCAAGA
MeF6' H4	GAATCCAAAGAATCTCTGCTAATGGGCTCTAAAAGGATTAATCTCAACTATTATCCAAGA
MeF6' H5	GAATCCAAAGAATCTCTGCTAATGGGCTCTAAAAGGATTAATCTCAACTATTATCCAAGA
MeF6' H6	GAGAAGAAAGAGTCTCTTTAATGGGATCTCGAAGAATCAACCTCAACTACTATCCAAGA
MeF6' H7	GAAACGAAAGAATCCCTTCTAATGGGATCAAAAAGAATTAACCTCAACTATTATCCCAGA
MeF6' H_RNAi	-----
MeF6' H1	TGTCCCAATCCTAATCTTACTGTGCGGCTAGGCCGCCATTCTGATGTTTCATCTCTCACT
MeF6' H2	TGTCCGAATCCTAATCTTACTGTGCGGGTTGGCCGCCATTCTGATGTTTCATCTCTCACT
MeF6' H3	TGTCCAAACCCTCAACTCACCCTCGGGTTGGCCGCCACTCCGACGTCTCCTCCCTCACT
MeF6' H4	TGTCCAAACCCTCAGCTCACTGTTGGGGTTGGCCGCCACTCCGATGTTTCCTCACTCACT
MeF6' H5	TGTCCAAACCCTCAGCTCACTGTTGGGGTTGGCCGCCACTCCGATGTTTCCTCACTCACT
MeF6' H6	TGTCCAAACCCTCAGCTCACTATCGGTGTGCGCCGCCACTCCGACGTCTCCACCCTCAGG
MeF6' H7	TGTCCGAATCCTAATCTTACTGTGCGGGTAGGCCGCCACTCTGATGTTTCATCTCTCACT
MeF6' H_RNAi	-----
MeF6' H1	TTCTCTCTGCAAGACGAAATCGGTGGACTTTACGTCAGAGTGAATGAAGGCAAAGGGGAA
MeF6' H2	TTCTCTCTGCAAGACGAAATGGTGGACTTTACGTGAGAGTGAATGAAGGCAAAGGGGAA
MeF6' H3	TTTCTCTCTGCAAGACGAAATCGGCGGGCTTTACGTGCGAGTGAATGAAGGCAAAGGGGAT
MeF6' H4	TTCTCTCTGCAAGACGAAATCGGCGGGCTTTACGTGCGAATCAACGAAGGCAAAGGGCGAC
MeF6' H5	TTCTCTCTGCAAGACGAAATCGGCGGGCTTTACGTGCGAATCAACGAAGGCAAAGGGCGAC
MeF6' H6	TTCTCTCTGCAAGACGAAATCGGTGGACTTTACGTGCGAGTCAACGAAGGAAAGGAGAA
MeF6' H7	TTCTCTCTGCAAGACGAAATCGGTGGACTTTACGTGAGAGTGAATGAAGGCAAAGGGGAA
MeF6' H_RNAi	-----
MeF6' H1	GAAGATGGCTGGGTTTCATGTTCTCCCATGAAGGATCTCTTGATTAATGTTGGAGAT
MeF6' H2	AAAGATGGCTGGGTTTCATGTTCTCCCATGAAGGATCTCTTGATTAATGTTGGAGAT
MeF6' H3	GAAGATGGTGGGTTTCATGTTCTCCCATCAAAGGATCTCTTGATTAATGTTGGCGAT
MeF6' H4	GAAGATGGCTGGGTTTCATGTTCTCCCATGAAGGATCCCTTGATCAACGTGGGAGAT

MeF6' H5	GAAGATGGCTGGGTTCATGTTCCCTCCTATTGAAGGATCTCTTGTGATCAACGTGGGAGAT
MeF6' H6	GAAGATGGGTGGGTTCATGTTCCCTCCGATTGAAGGATCTCTTGTGATAAACGTCGGAGAT
MeF6' H7	GAAGATGGCTGGGTTCATGTTCCCTCCCATTGAAGGATCTCTTGTGATTAATGTTGGAGAT

MeF6' H_RNAi	-----
MeF6' H1	GCATTGCAGATACTCAGCAATGGTCGATATAGGAGCGTAGAGCATTGTGTGATTGCAAGT
MeF6' H2	GCATTGCAGATACTCAGCAATGGTCGATATAGGAGCGTAGAGCATTGTGTGATTACAAGT
MeF6' H3	GCATTGCAGATACTCAGCAATGGTCGATATAGGAGTGTAGAGCACTGTGTGATTGCGAGT
MeF6' H4	GCATTGCAGATACTGAGCAATGGTCGATACAAGAGCGTAGAGCACTGTGTGATTGCAAGT
MeF6' H5	GCATTGCAGATACTGAGCAATGGTCGATACAAGAGCGTAGAACACTGTGTGATTGCAAGT
MeF6' H6	GCATTACAAATTCAGTAATGGTCGATATAAAGTATCGAGCATTGTGTGATTGCGAGC
MeF6' H7	GCATTGCAGATACTCAGCAATGGTCGATATAGGAGCGTAGAGCATTGTGTGATTGCAAGT

MeF6' H_RNAi	-----
MeF6' H1	GGAAGCAAGAACAGAATTTCAATCCCCATTTTCGTAAATCCAAAGCCAAGTGATGTGATC
MeF6' H2	GGAAGCAAGAACAGAATTTCAATCCCCATTTTCGTAAATCCAAAGCCAAGTGATGTGATC
MeF6' H3	GGAAGCAAGAATAGAATTTTCGATTCTGTTTTCGTCAATCCAAAGCCTACTGATGTTATC
MeF6' H4	GGGAGCAAGAACAGAATTTCAATCCCCATTTTCGTAAATCCAAAGCCAAATGACGTGATC
MeF6' H5	GGAAGCAAGAACAGAATTTCAATCCCCATTTTCGTAAATCCAAAGCCAAATGATGTGATC
MeF6' H6	GGAAGTAAGAACAGAATTTCTATTCTGTTTTGTCAACCCAAAGCCAAGTGATGTGATC
MeF6' H7	GGAAGCAAGAACAGAATTTCAATCCCCATTTTCGTAAATCCAAAGCCAAGTGATGTGATC

MeF6' H_RNAi	-----
MeF6' H1	GGTCCATTGCCTGAAGTATCGCCGCCGGTGAGAAGCCCAAATATAAAGACATTCTTTAT
MeF6' H2	GGTCCATTGCCTGAAGTATCGCCGCCGGAGAGAAGCCGAAATATAAAGATATTCTTTAC
MeF6' H3	GGACCTTTGCCGGAAGTCTTGCCGCCGGAGAGAAGCCTAAATACAAGAACATTTTATAT
MeF6' H4	GGTCCTTTGCCTGAGCTGATCGCTGCCGCCGGAGAGAAGCCTAAATATAAGAACATTCTTTAC
MeF6' H5	GGTCCTTTGCCTGAGCTGATCGCTGCCGCCGGAGAGAAGCCTAAATATAAGAACATTCTTTAC
MeF6' H6	GGACCGTTGCCTGAATTGCTTGCTGCCGCCGAGAAAAGCCCAAATATAAGAATATTTTATAC
MeF6' H7	GGTCCTTTGCCTGAATTGATCGCCGCCGGAGAGAAGCCCAAATATAAAGACATTCTTTAC

MeF6' H_RNAi	-----
MeF6' H1	TCTGATTATGTCAAGCATTTCTTCAGGAAGGCTCATGATGGCAAGAAGACTGTTGCTTTT
MeF6' H2	TCTGATTACGTCAAGCATTTCTTCAGGAAGGCTCATGATGGCAAGAAGACTGTTGCTTTT
MeF6' H3	TCTGATTATGTGAAGCATTTCTTCAGGAAAGCTCATGACGGAAGAAGACTGTGGAGTTT
MeF6' H4	TCTGATTATGTGAAGCATTTTTTCAGGAAGGCTCATGATGGCAAGAAGACTGTGGCTTTT
MeF6' H5	TCTGATTATGTGAAGCATTTCTTCAGGAAGGCTCATGATGGCAAGAAGACTGTGGCTTTT
MeF6' H6	TCCGATTATGTGAAGCATTTCTTCAGGAAGGCTCATGATGGGAAGAAGACTGTGGAATTT
MeF6' H7	TCTGATTATGTCAAGCATTTCTTCAGGAAGGCTCACGATGGCAAGAAGACTGTTGCTTTT

MeF6' H_RNAi	-----
MeF6' H1	GCTGAGATCTCATCGTAA
MeF6' H2	GCTGAGATCTCATCGTAA
MeF6' H3	GCTGAAGTGTA-----
MeF6' H4	GCTGAAATTTGA-----
MeF6' H5	GCTGAGATTTTCATCGTAA
MeF6' H6	GCTGAAGTGTA-----
MeF6' H7	GCTGAGATCTAA-----