

## pEAK12 Text Sequence without Kila

Sites for *CeuI* and *PI-SceI* are shown in Bold.  
 Sequencing primers pEAK8 Forward and pEAK8 Reverse are shown in red.

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GGCGTAATCTGCTGCTTGCAAACAAAAAACCACCGCTACCAGCGGTGGTTTTGTTTGCCG 60
GATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAGTGGCTTCAGCAGAGCGCAGATACCA 120
AATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCG 180
CCTACATACCTCGCTCTGCTGAAGCCAGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTC 240
GTGTCTTACCAGGGTTGGACTCAAGAGATAGTTACCGGATAAGGCGCAGCGGTCCGGGCTGA 300
ACGGGGGGTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATAC 360
CTACAGCGTGAGCTATGAGAAAGCGCCACGCTTCCCGAAGGGAGAAAGGCGGACAGGTAT 420
CCGGTAAGCGGCAGGGTTCGGAACAGGAGAGCGCACGAGGGAGCTTCCAGGGGGAAACGCC 480
TGATATCTTTATAGTCTGTGCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTGTGA 540
TGCTCGTCAGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCAAGCTAGAGTTTAAAC 600
TTGACAGATGAGACAATAACCCCTGATAAATGCTTCAATAATATTGAAAAAGGAAAAGTAT 660
GAGTATTCAACATTTCCGTGTGCGCCCTTATTCCCTTTTTTGCGGCATTTCCTTCTGT 720
TTTTGCTCACCCAGAAACGCTGGTGAAAGTAAAAGATGCAGAAGATCACTTGGGTGCGCG 780
AGTGGGTTACATCGAACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTTCGCCCGA 840
AGAACGTTTCCCAATGATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCG 900
TATTGATGCCGGCAAGAGCAACTCGGTGCGCCGATACACTATTCTCAGAATGACTTGGT 960
TGAATACTCACAGTACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATG 1020
CAGTGTGCCATAACCATGAGTGATAACACTGCGGCCAACTTACTTCTGACAACTATCGG 1080
AGGACCGAAGGAGCTAACCCTTTTTTGCACAACATGGGGGATCATGTAAGTTCGCTTGA 1140
TCGTTGGGAACCGGAGCTGAATGAAGCCATACCAACGACGAGCGTGACACCACGATGCC 1200
TGTAGCAATGGCAACAACGTTGCGAAAACATAAAGTGGCGAACTACTTACTCTAGCTTC 1260
CCGGCAACAATAAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTC 1320
GGCACTTCCGGCTGGCTGGTTTTATTGCTGATAAATCAGGAGCCGGTGAGCGTGGGTCACG 1380
CGGTATCATTGCAGCACTGGGGCCGGATGGTAAGCCCTCCCGTATCGTAGTTATCTACAC 1440
TACGGGGAGTCAGGCAACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTC 1500
ACTGATTAAGCATTGGTAAGGATAAATTTCTGGTAAGGAGGACACGTATGGAAGTGGGCA 1560
AGTTGGGGAAGCCGTATCCGTTGCTGAATCTGGCATATGTGGGAGTATAAGACGCGCAGC 1620
GTCGCATCAGGCATTTTTTCTGCGCCAATGCAAAAAGGCCATCCGTGAGGATGGCCTTT 1680
CGGCATAACTAGTGAGGCTCCGGTCCCGCTCAGTGGGCGAGGCGCACATCGCCACAGTC 1740
CCCGAGAAGTTGGGGGAGGGGTGCGCAATTGAACCGGTGCCTAGAGAAGGTGGCGCGGG 1800
GTAAACTGGGAAAGTGATGTCGTGTAAGTGGCTCCGCCTTTTTCCCGAGGGTGGGGGAGAA 1860
CCGTATATAAGTGCAGTAGTCGCCGTGAACGTTCTTTTTTCGCAACGGGTTTGCCGCCAGA 1920
ACACAGGTAAGTGCCGTGTGTGGTTCCCGCGGGCCTGGCCTCTTTACGGGTTATGGCCCT 1980
TGCGTGCCTTGAATTACTTCCACCTGGCTGCAGTACGTGATTCTTGATCCCGAGCTTCGG 2040
GTTGGAAGTGGGTGGGAGAGTTTCGAGGCCTTGCCTTAAGGAGCCCCTTCGCCTCGTGCT 2100
TGAGTTGAGGCCTGGCCTGGGCGCTGGGGCCGCCGCGTGCGAATCTGGTGGCACCTTCGC 2160
GCCTGTCTCGCTGCTTTTCGATAAGTCTCTAGCCATTTAAAATTTTTGATGACCTGCTGCG 2220
ACGCTTTTTTTCTGGCAAGATAGTCTTGTAAATGCGGGCCAAGACGATCTGCACACTGGT 2280
ATTTTCGGTTTTTTGGGGCCGCGGGCGGCGACGGGGCCCGTGCCTCCAGCGCACATGCATG 2340
TTCGGCGAGGCGGGGCTGCGAGCGCGGCCACCGAGAATCGGACGGGGGTAGTCTCAAGC 2400
TGGCCGGCCTGCTCTGGTGCCTGGCCTCGCGCCGCGTGTATCGCCCCGCCCTGGGCGGCA 2460
AGGCTGGGAGCTCAAAATGGAGGACGCGGCGCTCGGGAGAGCGGGCGGGTGAGTACCCA 2520
CACAAAGGAAAAGGGCCTTTCCGTCTCAGCCGTGCTTTCATGTGACTCCACGGAGTACC 2580
GGGCGCCGTCCAGGCACCTCGATTAGTTCTCGAGCTTTTGGAGTACGTGCTCTTTAGGTT 2640
  
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**Warning:** This product is intended for **research use only**. It is not to be used for diagnostic purposes in humans or animals.

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TEL: 800-326-2685 OR 301-990-2685 \* FAX: 301-990-0881  
 19208 Orbit Drive, Gaithersburg, MD 20879-4149  
 E-MAIL: [Info@edgebio.com](mailto:Info@edgebio.com) \* INTERNET: <http://www.edgebio.com>

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```

GGGGGGAGGGGTTTTATGCGATGGAGTTTCCCCACACTGAGTGGGTGGAGACTGAAGTTA 2700
GGCCAGCTTGGCACTTGATGTAATTCTCCTTGGAAATTTGCCCTTTTTGAGTTTGGATCTT 2760
GGGTTCAATTCTCAAGCCTCAGACAGTGGTTCAAATTAATACGACTCACTATAGGGGAGACT 2820
TCTTTCTCCCATTTTCAGGTGTCGTAAGCTTGAATTCAATAACTATATAACGGTCTTAAGGTA 2880
GCGA -----5' cDNA 3'----- TTTCATTACCTCTTTCTCCGC 2905
ACCCACATAAACCTGCAGGCTCCCTTTAGTGAGGGTAATTCGTATGTGTATGATAGCGG 2965
CCGCAGGTAAGCCAGCCCAGGCCTCGCCCTCCAGCTCAAGGCGGGACAGGTGCCCTAGAG 3025
TAGCCTGCATCCAGGGACAGGCCCCAGCCGGGTGCTGACACGTCCACCTCCATCTCTTCC 3085
TCAGGTCTGCCCGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTCCTGGTCTGTGGAA 3145
GGTGCTACTCCAGTGGCCACCAGCCTTGTCTTAATAAAATTAAGTTGCATCATTTTTGTTT 3205
GACTAGGTGTCTTTGTATAATATTATGGGGTGGAGGCGGGTGGTATGGAGCAAGGGGCC 3265
AAGTTAACTTGTTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAT 3325
TCACAAATAAAGCATTTTTTTTCACTGCATTCTAGTTGTGGTTTTGTCCAAACTCATCAATG 3385
TATCTTATCATGTCTGGATCCGCTTCAGGCACCCGGCTTGCGGGTATGCACCAGGTGCG 3445
CGGTCTTTCGGGCACCTCGACGTCCGCGGTGACGGTGAAGCCGAGCCGCTCGTAGAAGGG 3505
GAGGTTGCGGGGCGCGGAGGTCTCCAGGAAGGCGGGCACCCCGGCGCGCTCGGCCGCTC 3565
CACTCCGGGGAGCACGACGGCGCTGCCAGACCCTTGCCTGGTGGTGGGCGAGACGCC 3625
GACGGTGGCCAGGAACCACGCGGGCTCCTTGGGCCGGTGGCGGCCAGGAGGCCTTCCAT 3685
CTGTTGCTGCGCGGCCAGCCTGGAACCGCTCAACTCGGCCATGCGCGGGCCGATCTCGGC 3745
GAACACCGCCCCGCTTCGACGCTCTCCGGCGTGGTCCAGACCGCCACCGCGGCGCCGTC 3805
GTCCGCGACCCACACCTTGGCGATGTGAGCCCGACGCGCGTGGGAAGAGTTCTTGCAG 3865
CTCGGTGACCCGCTCGATGTGGCGGTCCGGGTGACGGTGTGGCGCGTGGCGGGGTAGTC 3925
GGCGAACCGCGGCGGAGGGTGCGTACGGCCCCGGGGACGTGCTCGCGGGTGGCGAGGCG 3985
CACCGTGGGCTTGTACTCGGTATGGTGGCCTGCAGCTGTGTTTCGAGGCCGCGCGTGTCA 4045
CCTTAATATGCGAAGTGGACCTGGGACCGCGCCGCCCGCCGACTGCATCTGCGTGTTCGAGT 4105
TCGCCAATGACAAGACGCTGGGCGGGGAGATCCCCCTTATTAACCCTAAACGGGTAGCAT 4165
ATGCTTCCCGGGTAGTAGTATATACTATCCAGACTAACCCTAATTCAATAGCATATGTTA 4225
CCCAACGGGAAGCATATGCTATCGAATTAGGGTATAGTAAAAGGGTCTAAGGAACAGCGA 4285
TCTGGATAGCATATGCTATCCTAATCTATATCTGGGTAGCATATGCTATCCTAATCTATA 4345
TCTGGGTAGCATAGGCTATCCTAATCTATATCTGGGTAGCATATGCTATCCTAATCTATA 4405
TCTGGGTAGTATATGCTATCCTAATTTATATCTGGGTAGCATAGGCTATCCTAATCTATA 4465
TCTGGGTAGCATATGCTATCCTAATCTATATCTGGGTAGTATATGCTATCCTAATCTGTA 4525
TCCGGGTAGCATATGCTATCCTCATGCATATACAGTACAGTATGATACCCAGTAGTAGA 4585
GTGGGAGTGTATCCTTTGCATATGCCGCCACCTCCAAGGAGATCCGCATGTCTGATTG 4645
CTCACCAGGTAATGTGCTAATGTTTTTCCAACGCGAGAAGGTGTTGAGCGCGGAGCTGA 4705
GTGACGTGACAACATGGGTATGCCCAATTGCCCATGTTGGGAGGACGAAAATGGTGACA 4765
AGACAGATGGCCAGAAATACACCAACAGCAGCATGATGTCTACTGGGGATTTATTCTTT 4825
AGTGCGGGGGAATACACGGCTTTTTAATACGATTGAGGGCGTCTCCTAACAAGTTACATCA 4885
CTCCTGCCCTTCTCACCCCTCATCTCCATCACCTCCTTCATCTCCGTATCTCCGTATC 4945
ACCCTCCGCGGCAGCCCTTCCACCATAGGTGGAAACCAGGGAGGCAAATCTACTCCATC 5005
GTCAAAGCTGCACACAGTACCCTGATATTGCAGGTAGGAGCGGGCTTTGTCATAACAAG 5065
GTCCTTAATCGCATCCTTCAAACCTCAGCAAATATATGAGTTTGTAAAAAGACCATGAA 5125
ATAACAGACAATGGACTCCCTTAGCGGGCCAGGTTGTGGGCCGGGTCCAGGGGCCATTCC 5185
AAAGGGGAGACGACTCAATGGTGTAAAGACGACATTGTGGAATAGCAAGGGCAGTTCTCG 5245
CCTTAGGTTGTAAAGGGAGGTCTTACTACCTCCATATACGAACACACCGGCGACCCAAGT 5305
TCCTTCGTGCGTAGTCTTTCTACGTGACTCCTAGCCAGGAGAGCTCTTAAACCTTCTGC 5365
AATGTTCTCAAATTTCCGGTTGGAACCTCCTTGACCACGATGCTTTCCAAACCACCCTCC 5425

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TTTTTTGCGCCTGCCTCCATCACCCCTGACCCCGGGGTCCAGTGCTTGGGCCTTCTCCTGG 5485  
GTCATCTGCGGGGCCCTGCTCTATCGCTCCCGGGGGCACGTCAGGCTCACCATCTGGGCC 5545  
ACCTTCTTGGTGGTATTCAAATAATCGGCTTCCCCTACAGGGTGGAAAAATGGCCTTCT 5605  
ACCTGGAGGGGGCCTGCGCGGTGGAGACCCGGATGATGATGACTGACTACTGGGACTCCT 5665  
GGGCCTCTTTTCTCCACGTCCACGACCTCTCCCCCTGGCTCTTTCACGACTTCCCCCCT 5725  
GGCTCTTTCACGTCTCTACCCCGGCGGCCTCCACTACCTCCTCGACCCCGGCCTCCACT 5785  
ACCTCCTCGCCCCGGCCTCCGGCACCTCCTCCAGCCCCAGCACCTCCACCAGCCCCAGCT 5845  
CCCCCAGCTCCAGCCCCACCAGCACCCAGCCCCCTCCAGCCCCACCAGCCCCAGCCCCCTCG 5905  
GCACCTCCTCCAGCCCCAGCACCTCCACCAGCCCCAGCTCCCCCAGCTCCAGCCCCACCA 5965  
GCACCAGCCCCCTCCAGCCCCACCAGCCCCAGCCCCCTCCTGTTCCACCGTGGGTCCCTTTG 6025  
CAGCCAATGCAACTTGGACGTTTTTGGGGTCTCCGGACACCATCTCTATGTCTTGGCCCT 6085  
GATCCTGAGCCGCCCCGGGGCTCCTGGTCTTCCGCCTCCTCGTCCTCGTCCTCTTCCCCGT 6145  
CCTCGTCCATGGTTATCACCCCTCTTCTTTGAGGTCCACTGCCGCCGAGCCTTCTGGT 6205  
CCAGATGTGTCTCCCTTCTCCTAGGCCATTTCCAGGTCCTGTACCTGGCCCCCTCGTCA 6265  
GACATGATTCACTAAAAGAGATCAATAGACATCTTTATTAGACGACGCTCAGTGAATA 6325  
CAGGGAGTGCAGACTCCTGCCCCCTCCAACAGCCCCCCCCACCCTCATCCCCTTCATGGTC 6385  
GCTGTGACAGATCCAGGTCTGAAAATTCCCCATCCTCCGAACCATCCTCGTCCTCATC 6445  
ACCAATTACTCGCAGCCCCGAAAACCTCCCGCTGAACATCCTCAAGATTTGCGTCCTGAGC 6505  
CTCAAGCCAGGCCTCAAATTCCTCGTCCCCCTTTTTGCTGGACGGTAGGGATGGGGATTC 6565  
TCGGGACCCCTCCTCTTCTCTTCAAGGTCACCAGACAGAGATGCTACTGGGGCAACGGA 6625  
AGAAAAGCTGGGTGCGGCCTGTGAAGCTAAGATCTGTGACATCGATGGGCGCGGGTGTA 6685  
CACTCCGCCCATCCCGCCCCCTAACTCCGCCAGTTCCGCCATTCTCCGCCTCATGGCTG 6745  
ACTAATTTTTTTTTATTTATGAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAA 6805  
GTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAAAGCTAATTC 6855

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