

12-1-2019

GMR40C05

Anuradha Venkatakrishnan Chimata
University of Dayton, chimatavenkatakrisa1@udayton.edu

Oorvashi Roy Puli
University of Dayton, opuli1@udayton.edu

Amit Singh
University of Dayton, asingh1@udayton.edu

Follow this and additional works at: https://ecommons.udayton.edu/dev_disease_data_2



Part of the [Biology Commons](#), [Cell and Developmental Biology Commons](#), and the [Other Genetics and Genomics Commons](#)

eCommons Citation

Chimata, Anuradha Venkatakrishnan; Puli, Oorvashi Roy; and Singh, Amit, "GMR40C05" (2019). *DVE Enhancer Sequences Utilized in GMR Line*. 5.
https://ecommons.udayton.edu/dev_disease_data_2/5

This Gene Regulatory Sequence is brought to you for free and open access by the Amit Singh's Development and Disease Lab Data Archive at eCommons. It has been accepted for inclusion in DVE Enhancer Sequences Utilized in GMR Line by an authorized administrator of eCommons. For more information, please contact mschlengen1@udayton.edu, ecommons@udayton.edu.

dve enhancer - 45682

ID: GMR40C05

Location: 2R: 18141630, 18144381

Base pairs: 2751

Sequence:

> 2R

```
CTGCGTACATGACGCTCCGCTCTACTCGGAACGCGAGGAGGAAGGAAACCCGGTTTTCGTTGCATGTTGCC
GAATGACGGCTGCTGCGCTGGCAAGTCGAGCCACTGCCGCGTCCATCGGAGCGAACGCCGTAACCTTCGTG
TGCTTCGGCTTAGGGAACCTCGCTGGGAGGAGTAGCCAGTACTGGAACCGGTACACTACAACGGCATACT
CTCTCTTGGCGCTACGCGTCTGCTAGCAGTAGCTAACACAGCAGGTCCAAGAATTGCATGTTCAATTGCGG
CTTGTGTCTGAGCACTGCGAAGACGAAGTCAAGGAGCTTGAACGCGAAGTCGAGGACGACCGCAAGCCGG
AAGAAGACCCGTGCTCGGTGCATGTCCCTGAACGGGAGAGGGTACAGGAACGGTAACTCTCGGACTTGCC
GGCGGAGTCGTGCGAGACAACAGAGCTTACGTTGCTTAGGCTTCGGGAACGAGAACGGTAGGAGGAACCT
GTACTGGAACATCGACCAATAGAACGGCATCCCGAGTTTCTTAAGGAAGTCAAAAAGTAGCAGCTTTAGG
AGTCACTTCAAGAAGTGTATATGTAACCACTTCTCGAATCGGAAGAGCGGGTCGAGGAAGAGCGCGAGGA
ACGCGCCCTACTTGAATGGGTGCATCTGGAAGAACGGCAACTCGTTGTACGGTAACTGAAACAGCTACCT
GCACAAACGCCGGAGGAGCCAGAGCTTACCTGCTTAGGTATCGGGAAACTCAACGGGAAAAGTAGCCAC
CGATGGAACGTGCAATTTTACAACGGCTTCCGCTCTTTTACAGCATCTAACGGAACAACAGCTACCGGG
ATAGATTCAAGAATACTTGTGCAACGGGTGTGGACTCGCTGCTTCTCTTCTAGTGCGACTCTGGTGTA
TTACGCTTACCCGAACAACGCTTGGTCCAGTTTCAAGTACCACAGGTTTTCGTGCGAGTCGACAATACTT
TTAGCCCTTTTGTAAACCAATGATGGCTGTGCTAAACCCATATAGTTCTAGTAATATTCAACTTCCCCGA
ATTTATTGTTACACTGAGAAGTTGAAGACGTGACCGGTACTCGTTTTTCGTGCGTCACGTACCATTCACT
TCAGACTAGAAAATAGACCGTTGATACTTAGAATCAGCACAGTTTTTCCCAACTTAGACTGGTTGGTTAC
CCATCCTCAACGATCTACAGATTTATGTTTCTGTTAGAATAGTCAGATTAGTACACTATGTAACACAAA
ACAATACGTCTACCATACGTTTTTGGGTAGTCGTACCATTACGCGTAACGAAAGAGACCGTTGATACTTAG
AATCAGCACAGTTTTTACCCAATTTAGACTGGTTGGTTACCCATCTTCAACGATCTTTCGAATCTATTCTTT
CCCGTATTAGGAAGCTCAGATTAGTATACTACATAATAAATCACAAACAATACGAAGATGAAGACACCTA
CCGTATCTAGTCGGTAGATGTACCATTCAACGTAACGAAAGAGACCGTTGTAACCTAGAATCAGCACAGT
TTTTCTCTATTTAGACTGGTTGGTTACCCATCCTCAACGCTCTATACTTAGCTTTTTTCTTTTTGTAAAT
CCCACAATGATCAGATCTTGCTCTACCATAGTAAAAACTTTCCAGACAAAAAGGTTGGATTGGAATTGTC
GATCTCAAGTTCTTTGAACGACCTTACGCTGTCTGAAAGTGTGCGTCGCATTAGTAGTGGTTGGCGGTG
AAACACGGTAACACGCGAATTAACCTTATTTGTTTACATTGCTTGTGCTTGGCTTACCTTCTTCGTGGTTGA
TACGCGTCACCTTTCAAAACAAAAGCAAAAAACATTTTTGTTCTAAAACTACCAATTTTCTCTCCGGCTTT
TCGTCAAGTGACTGTACAGTTCTTAAACCTTCAAACTACCTACCTTACGCCTCTCATACCTTCTATACT
CTTTCACTTTTCGTTTTGTTTTCAACCTCCGTCATGCTTTTTGATTTCTCGCTTGCACGCCTTTGAGTCAAT
TACCTTATATTGGATTTTATCTACTTCCGGTTTTTCTTTACCAGGTTTGTGTTACTTGTGTACAAAAAC
GCGCAGCCGCACACGCACGCGCGTTCAAACGGCGAACCTTTGTTGTGTGTAGTGTGCTTATTTTGCTCTT
CTTGCCCGTTCTTTGTTACTTTGGTGGTTACCCGCCCCGACGCTATTTCGTCAAACCCGTCATACCTTGG
TATAATAAGGTAGTATTAACGTTAAAACACGCTTTAACTCTGCCTTTAAAGATCCGCTTGTCAACTACTC
ACGGTGCTCGGTGACAAAATCGGGGGTAGTAGGGGGGCGTGTTTAGCATATGTAGGTCTTATTGACCTTG
ACTATATTAGTACACACACACACATGTGTGACCGCCCTTAACTCACGCACACACACGCGCTGCTCTAA
TTGCATTTCGTACGTGACACCTTGTTCATACTTTGTGAACCTTCGGCAAATAGACCAGAGGATACTTTC
TGTAAGAAAGTTATTTTCAAGGTCAAACCTGAACGCAAATCGGGGTGACATACTGTACGCGATCACACGCACG
CACACACTCATTTCGCTCACGTTTTTGACGTGTGCACAAAAGAAACAAAGCGCGCCTTCCCCCGATGAAAAC
GCCCCGTCAATTCTGATTTTTTTAATGTGATGAAAACGCCCTAATGAGTGGTAGCCGACCGACGACCTTCA
ACTGCATCCGTATCGGGTTGCT
```