

12-1-2019

GMR40C05

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

Oorvashi Roy Pula
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

Venkatakrishnan, Anuradha Chimata; Pula, 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 frice1@udayton.edu, mschlangen1@udayton.edu.

dve enhancer - 45682

ID: GMR40C05

Location: 2R: 18141630, 18144381

Base pairs: 2751

Sequence:

> 2R

```
CTGCGTACATGACGCTCCGCTCTACTCGGAACGCGAGGAGGAAGGAAACCCGGTTTTCGTTGCATGTTGCC
GAATGACGGCTGCTGCGCTGGCAAGTCGAGCCACTGCCGCGTCCATCGGAGCGAACGCCGTAACCTTCGTG
TGCTTCGGCTTAGGGAACCTCGCTGGGAGGAGTAGCCAGTACTGGAACCGGCTACACTACAACGGCATAAC
CTCTCTTGGCGCTACGCGTCTGCTAGCAGTAGCTAACACAGCAGGTCCAAGAATTGCATGTTCAATTGCGG
CTTGTGTCTGAGCACTGCGAAGACGAAGTCAAGGAGCTTGAACGCGAAGTCGAGGACGACCGCAAGCCGG
AAGAAGACCCGCTGCTCGGTGCATGTCCCTGAACGGGAGAGGGTACAGGAACGGTAACTCTCGGACTTGCC
GGCGGAGTCGTGGAGACAACAGAGCTTACGTTGCTTAGGCTTCGGGAACGAGAACGGTAGGAGGAACCT
GTACTGGAACATCGACCAATAGAACGGCATCCCGAGTTTCTTAAGGAAGTCAAAAAGTAGCAGCTTTAGG
AGTCACTTCAAGAAGTGTATATGTAACCACTTCTCGAATCGGAAGAGCGGGTCGAGGAAGAGCGCGAGGA
ACGCGCCCTACTTGAATGGGTGCATCTGGAAGAACGGCAACTCGTTGTACGGTAACTGAAACAGCTACCT
GCACAAACGCCGGAGGAGCCAGAGCTTACCTGCTTAGGTATCGGGAAACTCAACGGGAAAAGTAGCCAC
CGATGGAACGTCGAATTTTACAACGGCTTCCGCTCTTTTACAGCATCTAACGGAACAACAGCTACCGGG
ATAGATTCAAGAATACTTGTGCAACGGGTGTGGACTCGCTGCTTCTCTTCTAGTGCGACTCTGGTGTA
TTACGCTTACCCGAACAACGCTTGGTCCAGTTTCAAGTACCACAGGTTTTCGTGCGAGTCGACAATACTT
TTAGCCCTTTTGTAAACCAATGATGGCTGTGCTAAACCCATATAGTTCTAGTAATATTCAACTTCCCCGA
ATTTATTGTTACTGAGAAGTTGAAGACGTGACCGGTAACGTTTTTTCGTCGCGTCACGTACCATTTCAGT
TCAGACTAGAAAATAGACCGTTGATACTTAGAATCAGCACAGTTTTTCCCAACTTAGACTGGTTGGTTAC
CCATCCTCAACGATCTACAGATTTATGTTTCTGTTAGAATAGTCAGATTAGTACACTATGTAACACAAA
ACAATACGTCTACCATAACGTTTTGGGTAGTCGTACCATTACGCGTAACGAAAGAGACCGTTGATACTTAG
AATCAGCACAGTTTTACCCAATTTAGACTGGTTGGTTACCCATCTTCAACGATCTTCAATCTATTCTTT
CCCGTATTAGGAAGCTCAGATTAGTATACTACATAATAAATCACAAACAATACGAAGATGAAGACACCTA
CCGTATCTAGTCGGTAGATGTACCATTCAACGTAACGAAAGAGACCGTTGTAACCTAGAATCAGCACAGT
TTTTCTCTATTTAGACTGGTTGGTTACCCATCCTCAACGCTCTATACTTAGCTTTTTTCTTTTTGTAAAT
CCCACAATGATCAGATCTTGCTCTACCATAGTAAAAACTTTCCAGACAAAAAGGTTGGATTGGAATTGTC
GATCTCAAGTTCTTTGAACGACCTTACGCTGTCTGAAAGTGTGCGTCGCATTAGTAGTGGTTGGCGGTCG
AAACACGGTAACACGCGAATTAACCTATTTGTTTACATTCGCTTGTGTCCTTAGCTTCTTCGTGGTTGA
TACGCGTCACTTTCAAAACAAAAGCAAAAAACATTTTTGTTCTAAAACCTACCAATTTTCTCTCCGGCTTT
TCGTCAAGTGACTGTACAGTTCTTAAACCTTACAACCTACCTACCTTACGCCTCTACATACCTTCTATACT
CTTTCACTTTTCGTTTTGTTTTCAACCTCCGTCATGCTTTTTGATTTCTCGCTTGCACGCCTTTGAGTCAAT
TACCTTATATTGGATTTTATCTACTTCCGGTTTTTCTTTACCAGGTTTGTGTTACTTGTGTACAAAAAC
GCGCAGCCGCACACGCACGCGCTTCAAACGGCGAACCTTTGTTGTGTGTAGTGTGCTTATTTTGCTCTT
CTTGCCCGTTCTTTGTTACTTTGGTGGTTACCCGCCCCGACGCTATTTCGTCAAACCCGTCATACCTTGG
TATAATAAGGTAGTATTAACGTTAAAACACGCTTTAACTCTGCCTTTAAAGATCCGCTTGTCAACTACTC
ACGGTGCTCGGTCGACAAATCGGGGTAGTAGGGGGCGTGTTTAGCATATGTAGGTCTTATTGACCTTG
ACTATATTAGTACACACACACATGTGTGACCGCCCTTAACTCACGCACACACACACGCGCTGCTCTAA
TTGCATTTCGTACGTCACACCTTGTTCATACTTTGTGAACCTTCGGCAAATAGACCAGAGGATACTTTC
TGTAAGAAAGTTATTTTCAAGGTCAAACCTGAACGCAAATCGGGGTGACATACTGTACGCGATCACACGCACG
CACACACTCATTTCGCTCACGTTTTGACGTGTGCACAAAAGAAACAAAGCGCGCTTCCCCCGATGAAAAC
GCCCGTCATTCTGATTTTTTAAATGTGATGAAAACGCCCTAATGAGTGGTAGCCGACCGACGACCTTCA
ACTGCATCCGTATCGGGTTGCT
```