

12-1-2019

GMR40C09

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, "GMR40C09" (2019). *DVE Enhancer Sequences Utilized in GMR Line*. 6.
https://ecommons.udayton.edu/dev_disease_data_2/6

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

ID: GMR40C09

Location: 2R: 18132203, 18134987

Base pairs: 2784

Sequence:

> 2R

```
ACGGGAAACATACGAAAATACATGTTGAATAGATTTTAGTTTGGTTGATTAAAATTAAAATTGAGTATTA
ATAGAATTTCTATAGTTTATCTTTTATGGTTTATGATTTTAGGGATAGGAAACCAGACGGCATAATTTTA
GCTGTCAACGGATAGTTAATTACAATACCCATGTGTATAGTTATGATCGAAATTTTTGTTTATTGTCTTA
AACTATTCAAAAATCATATTACTAGTAGATCATTAAACCCAGTTAATATACTTATGCTTCAACGCGCGGT
CTTTTATGATCTATTTTTGGTCTCCTGGTTCGTCTGTTCGATCGTTACCATATATATCGTCGCTTGAAATC
AAGCTATCCAAAAATGGTTTAAACAGTGCACGCTTGTCTTCGTTAAAATGAACTGCCTCCAAAGTAATT
TAAAAGTGAACACTTATTTTTGCGCTTTTTCGTGAATTTTTGGCTTCTTGACACATTTTGTTCGCCATG
CGGTTCTTTCACTTACATTATTGATTTGATTTGTTTCATTTTGCCTCAAAAAGTGAAGCGCTTTCCAAA
CACTCGAGCTTTTAAACAATCCATTCATCCAACCTCGTCTTCTTCTTGACCTCGAGGTAACACGTTT
AACCACCGAGCTTACTGCGTGAACCGACGTTGGCTTTTGTAAAGCTAAGCTAGTCTCGACGTTGAAAGTGT
AGTTTTAATGATGGGTATACATGTAAAATGTATACATACCACATGGACCTGTGCGTGTGACTAAGGGCGTG
GGTATGTGTGTGAATTTGTGTGTGTGTATGTTCGCCGACCTTTTCACTTGACATTTGACCTTTTTTTCGC
AAACACAACCACAACCACACGTCACCTAAGTAACTCATCATGAGGAAAGGTCCGACGACCAGTGAATAC
AGGTCCAGCGCAAGTAGGCGATTTTCGGCACGTCAAGTTCGTGCTTAGCCTCCTTCTCCTTCTTCTGCTCC
TCCTCGTCGACGGAAGTCTTACGTGAGAATGCCTCTGCGGCGCCGGTAGCCTTCGCCCCACGGCCG
GAAAAACCGGTTTAAACACCGCGGACCACCTGCTACGGCTATGGTTAGCGAACTAAACGACCTGGTTCCAT
TCGGATGCGGCGGTATAACAAATAAATGGAAAGGTCCCTGAGGGGAGGGTGGTGTATGGCGATTAGTCGT
ACCGTTGTTGTTACTGAACCGGTACGTCCACAGAGTTCGAGAGAAACATCGCAAAGCGAGAGACAAAACA
ACAACGGGTACGGCGTAGCGTGCATACGTTCAACGGAAGGGGTGTGTGAGTAGAACAACAACAACAGCTA
CAACGGTAAACGTACGCATGCACGCACCTTGAGACCTTTTAAAAGGTAGAGGTTGACTGTTAGCTTATTAA
AGGGAACCAGTAAGTCAACCGAAAAGTAAATTTCTATTCTCATTAAACCAAGAGTGAATCCAATGGTGTGTG
AGAATTGCTTCTCAAATAACTATTTCGTATCGGATGGTAAAAAACAGCTGTTGTATATGAGTAATTATACA
CTCATACTCGCATTGTATTAGATTTAAAGTTTAGGTTATAAAAATCGCACAAAGTGCGTATTTTTAGAGT
GTTTTTAACTTAAAATTTACTTTTTCAACTGTTTAAAATATTTTTATGCTTAAAAAAATTTTGCTAGTAA
AATATGTAATATATTCTTGTGATCAAGGTCGAAACCGAGCATTGATATCAAACGTAGATATCTATATTA
ATGTTAATCGATTAATAAAAAGCAACGAATAGCCAAAACCAAACGCCGGTTGGCGATTATCCAAACACCGT
TGATGTATAGTCGTGTTGAGAGTATAGCGAAGGCAAAAAGCAAAAATAAAAACGTCTACCGGTTTCAAAG
CAATATGTTTTAGTTGCGGTTAAGCGGTTCTTGTATAACGGTGATTTGATGTTGTTGTTGTTGTTGTTGTT
CGAAGTATTCCGTTAACTTATACACATTCATTTACTTTGTAGCAACTTTGTAGTTGACTTTTTGATTTTTT
TTAAACACGAAACGTCTACCTAAGGTGTTCTAGTGGAGATAACTGTTACCGCCTGATGCAAAACTAGCGC
TGCTCTAACTTAAAAGCGTGGGTAAAAAATTCGCGTTGAGCGGAAAAGATGAACTGGTTTTAGTTTTCTTT
TTATAGCTTGTGTTTTTACCCTGCTGTTTCCACAGGACTTCGGCCTCCGGTACAGCTTCTAAGAGTGG
CTACACTTTCAGTACGCCCCAGCAGTCTGTTAGACCTAAGCGCGAAGAGGCGGTACTTTGTCCTCTTGC
TTCACGACACCGCGCTCTATCGGTTCGGACGCGGTTTTTCGTGCGATTTCGTGCTTGTGTTATCAGTTGTTTGA
CTAGGTCAAGGAGTAATGGTAACACGTTGGCAGCGCGTTGTACAGACCGCACTTTGCGGTGCACGTCGAC
TACTAGTTGTTATGCGGCCTTTAACTAGCACGTGCCTGGTGGTCACTCTGGCTCTCGCTCTCACCGCCGC
CTGGCCAATAGGTGCTCGAATCCCTCCTCGAAGAATACTCCACTACTTAGGTAGTGGCCGACCGATGTG
GCGTCGGAGTGTAATACTGGTTCTCTCGCAGAGAGGCGGACGGCAACTCGCAGGCGCTAGATTGACTCG
TAATCGAGCGTGTGTCAGCTAATAAGCTTAGTCTCACACCTCCTGAACGACGAGGTCCCTTTACCTTGGC
GACCGCCATTATAAGATCATCCGCCTCGGCGAAGAGGGTACCGGTTTTCACACTC
```