

Gene ID: Glyma.04G192300.Wm82.a4.v1 → 44 exons

CircRNA ID: Gm04:45203808-45204445 → exons 4 – 7

Exon 4:

TCTTGACGAAATTCATGATT[R:GCAAATGATGGCCCAATGCTAAGT]ATTGTTTTGAAAGTATTCAAGTTTAGATGTCCATGATTGAAAGCAATGATTGTCAAAGC

Exon 6:

CCTTTTTGTTCTTTTTG[F:ACGGTTTAGGTTTCAGCAAGAACGG]TGAATCTGGCCTCATTGGCCAGTGTAACCTCAAAACAAGCAGGCGAC

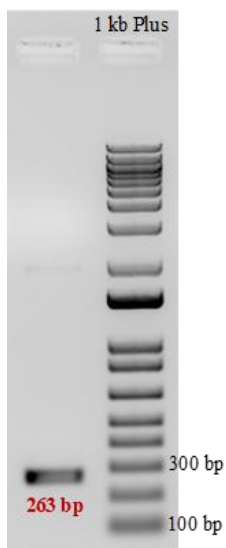
Exon 7:

CTGCATATAATTTCAAATTAGAATAAGTCCACCAACAAGCCAAAATTTTCATATGGCACCAGTCCTGCTAACC AAAAGTATTTCGTTGAAGTCATCATAAATTCCTCCATGCTGAATGTGCAGCTTTCCATTGTTGTTTCTACCAGCTTC

CircRNA junction:

[F:ACGGTTTAGGTTTCAGCAAGAACGG]TGAATCTGGCCTCATTGGCCAGTGTAACCTCAAAACAAGCAGGCGACCTGCATATAATTTCAAATTA GAATAAGTCCACCAACAAGCCAAAATTTTCATATGGCACCAGTCCTGCTAACC AAAAGTATTTCGTTGAAGTCATCATAAATTCCTCCATGCTGAAT GTGCAGCTTTCCATTGTTGTTTCTACCAGCTTCTCTTGACGAAATTCATGATT[R:GCAAATGATGGCCCAATGCTAAGT]

Gel electrophoresis and Sanger Sequencing:



CCCGAAATGTAGGAGATCTTCTAGAAAAGAT[F:ACGGTTTAGGTTTCAGCAAGAACGG]TGAATCTGG CCTCATTGGCCAGTGTAACCTCAAAACAAGCAGGCGACCTGCATATAATTTCAAATTAGAATAAGTC CACCAACAAGCCAAAATTTTCATATGGCACCAGTCCTGCTAACC AAAAGTATTTCGTTGAAGTCATCA TAATTCCTCCATGCTGAATGTGCAGCTTTCCATTGCTGTTTCTACCAGCTTCTCTTGACGAAATTCATGATT[R:GCAAATGATGGCCCAATGCTAAGT]ATCTTGCTGAAAAACTCGAGCCATCCGGAAGATCT GGCGGCCGCTCTCCCTATAGTGAGTCGTATTACGCCGATGGATATGGTGTTTCAGGCACAAGTGTT AAAGCAGTTGATTTTATTCATATGATGAAAAACAATGAATGGAACCTGCTCCAAGTTAAAAAT AGAGATAATACCGAAAACTCATCGAGTAGTAAGATTAGAGATAATACAACAATAAAAAAATGGTT TAGAACTTACTCACAGCGTGATGCTACTAATTGGGACAATTTCCAGATGAAGTATCATCTAAGAA TTAAATGAAGAAGACTTCAGAGCTTTTGTTAAAAATTATTTGGCAAAAATAATATAATTCGGCTGC AGGGGCGGCCTCGTGATACGCCTATTTTTATAGGTTAATGTCATGATAATAATGGTTTCTTAGACGT CAGGTGGCATTTCGGGGAAATGTGCGCGGAACCCCTATTTGTTTATTTTCTAAATACATTCAAA TATGTATCCGCTCATGAGACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTAT GAGTATTCAACATTTCCGTGTCGCCCTTATCCCTTTTTTGCGGCATTTTGCTTCTCTGTTTTTGCTCA CCCAGAAACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTACATCG AACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAAGCTTTTCCAATGATGA GCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGAAGAGCAACTCG GTCGCCGCATACCCTATTCTCAGAATGACTTGGTTGAGTACTACCAGTCCNAGAAAAGCATCTTAC GGATGGCATGACAGTAAGAGAATTATGCAGGGCTGCCNTAACCATGAGTGATAANCTGGCGGCCA ATTTANNTTTGGA

Gene ID: Glyma.04G192300.Wm82.a4.v1 → 12 exons

CircRNA ID: Gm04:45203808-45204445 → exons 7 – 10

Exon 7:

CATTGCAGTAGCATTAGAAAAGAAATCAGCATATGG[R:CCTTGGTGTTATGACCCATCTAGAGAGAG]AACCATTTC AAGAGAAGAAAAATT
CATTAAAGTGAAC

Exon 9:

TAGCTGTAAATTATACTGTGATGGAGATGG[F:AGCAACAGAGGGCTTAAATGCTTTGG]TTAAATTTGTTCCCTTCAGATTTAGGAGGCATCAAG
GGTGGTGGGGCATTGAGACATGTAGTCTTTCCATAACTCAGAACAAATTAGTTTCCAGAAACCAATTTTGAATGCTCAGATCATACATTA
CAAGAGTGTACGAACAACAATGC

Exon 10:

CTCTAAAAGAGTAGTTGGATCATTGCCATTTGAGAAAACCCCTAGACAATACGCACCTCGCACTTTTGAATG

CircRNA junction:

[F:AGCAACAGAGGGCTTAAATGCTTTGG]TTAAATTTGTTCCCTTCAGATTTAGGAGGCATCAAGGGTGGTGGGGCATTGAGACATGTAGTCTT
TCCATAACTCAGAACAAATTAGTTTCCAGAAACCAATTTTGAATGCTCAGATCATACATTACAAGAGTGTTACGAACAACAATGCCTCTA
AAAGAGTAGTTGGATCATTGCCATTTGAGAAAACCCCTAGACAATACGCACCTCGCACTTTTGAATGCATTGCAGTAGCATTAGAAAAGAAAT
CAGCATATGG[R:CCTTGGTGTTATGACCCATCTAGAGAGAG]

Gel electrophoresis and Sanger Sequencing:



CCCGGANTCGGAATGGCTCGAGTTTTTCAGCAAGAT[F:AGCAACAGAGGGCTTAAATGCTTTGG]TTAAATT
TGTTCCCTTCAGATTTAGGAGGCATCAAGGGTGGTGGGGCATTGAGACATGTAGTCTTTCCATAACTCAGA
ACAATTAGTTTTCCAGAAACCAATTTTTGAATGCTCAGATCATACATTACAAGAGTGTTACGAACAACAAT
GCCTCCTAAAAGAGTAGTTGGATCATTGCCATTTGAGAAAACCCCTAGACAATACGCACCTCGCACTTTTGA
ATGCATTGCAGTAGCATTAGAAAAGAAATCAGCATATGG[R:CCTTGGTGTTATGACCCATCTAGAGAGAG]A
TCTTTCTAGAAGATCTCCTACAATATTCTCAGCTGCCATGGAAAAATCGATGTTCTTTTATTCTCTCAAGA
TTTTCAGGCTGTATATTAATACTTATATTAAGAAGTATGCTAACCACCTCATCAGGAACCGTTGTAGGTGGC
GTGGGTTTTCTTGCAATCGACTCTCATGAAACTACGAGCTAAATATTCAATATGTTCCCTTTGACCAACTT
TATTCTGCATTTTTTTGAACGAGGTTTAGAGCAAGCTTCAGGAAACTGAGACAGGAATTTTATTAATAATT
TAAATTTTGAAGAAAGTTCAGGGTTAATAGCATCCATTTTTTGCTTTGCAAGTTCCTCAGCATTCTTAACAAA
AGACGTCTCTTTTGACATGTTTAAAGTTTAAACCTCCTGTGTGAAATTATTATCCGCTCATAATTCCACACAT
TATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGT
TGCGCTCACTGCCAATTGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCG
CGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTTCGTT
GGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCA
GGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCCCGTTGCTGGCGTTTT
TCCATAGGCTCCCCCCTGACAAGCATCNAAAAATCGACGCTCAAGTCAAAGGTGGCGAAACCCGACGGN
ACTATAAGAAACCAGGCGTTTCCCCTGGAAGCTCCCCGGGGGCTCCCCGTTCCNCCNGCCCCCTTAACGAG
ANNCGGGTCCCCCTTTCCCCCNGGGAAGGGGGCTTTTTCCACTCCCGGGGAAATTTCCATTGGGGGAGGG
GCT

Gene ID: Glyma.04G000400.Wm82.a4.v1 → 18 exons

CircRNA ID: Gm04:60681-61366 → exons 9 and 10

Exon 9:

CTTCAAGGATGATTACACGGCTGAAGTTATGCTT[R:GTAGAACAGTTGATCTAGAGCCCACT]TGTAATGAC

Exon 10:

TGCAATTT[F:TGTAGTAAGCAGTTAACTCTCCTGGC]CGTTCAGTTTGAACTGGTTCAAAATCCAAGTG

CircRNA junction:

[F:TGTAGTAAGCAGTTAACTCTCCTGGC]CGTTCAGTTTGAACTGGTTCAAAATCCAAGTGCTTCAAGGATGATTACACGGCTGAAGTTATGCTT
[R:GTAGAACAGTTGATCTAGAGCCCACT]

Gel electrophoresis and Sanger Sequencing:



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CCCGAATTCGGATGGCTCGAGTTTNNAGCAAGAT[F:TGTAGTAAGCAGTTAACTCTCCTGGC]CGT
TCAGTTTGAACTGGTTCAAAATCCAAGTGCTTCAAGAATGATCACACGGCTGAAGTTATGCTT[R:
GTAGAACAGTTGATCTAGAGCCCACT]ATCTTTCTAGAAGATCTCCTACAATATTCTCAGCTGCCA
TGGAAAATCGATGTTCTTCTTTTATCTCTCAAGATTTTCAGGCTGTATATTAATACTTATATTA
GAACTATGCTAACCACCTCATCAGGAACCGTTGTAGGTGGCGTGGGTTTTCTTGGCAATCGACTC
TCATGAAAACACTACGAGCTAAATATTCAATATGTTCTCTTGACCAACTTTATTCTGCATTTTTTT
GAACGAGGTTTAGAGCAAGCTTCAGGAACTGAGACAGGAATTTTATTAATAAATTTAAATTTTG
AAGAAAGTTTCAGGGTTAATAGCATCCATTTTTTGCTTTGCAAGTTCCTCAGCATTCTTAACAAAA
GACGTCTCTTTTGACATGTTTAAAGTTTAAACCTCCTGTGTGAAATTATTATCCGCTCATAATTCC
ACACATTATACGAGCCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTC
ACATTAATTGCGTTGCGCTCACTGCCAATTGCTTTCCAGTCGGGAACCTGTGCTGCCAGCTGCA
TTAATGAATCGGCCAACGCGCGGGGAGAGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGC
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CGGTGTAGGTCGTTGCTCCAAGCTGGGCTGGGTGCCAAACCCCGTTCAGCCGAACGCTGGG
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Gene ID: Glyma.19G202400.Wm82.a4.v1 → 15 exons

CircRNA ID: Gm19:46460019-46460732 → exons 2 and 3

Exon 2:

ATCAATCTCAATGGCGTGTTTTGATTGGTAAAGTACGCGCGACGGAACGAGGCATGGCAGAAGTGGCTAAACCGAGTTCTGTGCCTCCGA[R:GCTCTCATCGAATTGGTTCAGGACCT]TTGAAAAGTGGATCTTTGGTTAGAAAAGAAGACACCGTCAGAACTTAGG

Exon 3:

GGAGAGT[F:TGTTGAAGCGGGCAAGTAATGTGGAC]CTTACTGATGAATCTCAATCCACCTTGGCTGATCCTACGAA

CircRNA junction:

[F:TGTTGAAGCGGGCAAGTAATGTGGAC]CTTACTGATGAATCTCAATCCACCTTGGCTGATCCTACGAAATCAATCTCAATGGCGTGTTTTGATTGGTAAAGTACGCGCGACGGAACGAGGCATGGCAGAAGTGGCTAAACCGAGTTCTGTGCCTCCGA[R:GCTCTCATCGAATTGGTTCAGGACCT]

Gel electrophoresis and Sanger Sequencing:



CCCGGNTTCGGATGGCTCGAGTTTTTCAGCAAGAT[F:TGTTGAAGCGGGCAAGTAATGTGGAC]CTTACTGATGAATCTCAATCCACCTTGGCTGATCCTACGAAATCAATCTCAATGGCGTGTTTTGATTGGTAAAGTACGCGCGACGGAACGAGGCATGGCAGAAGTGGCTAAACCGAGTTCTGTGCCTCCGA[R:GCTCTCATCGAATTGGTTCAGGACCT]ATCTTTCTAGAAGATCTCCTACAATATTCTCAGCTGCCATGGAAAATCGATGTTCTCTTTTTATTCTCTCAAGATTTTCAGGCTGTATATTAATAAAGTATATTAAGAAGTATGCTAACCACCTCATCAGGAACCGTTGTAGGTGGCGTGGGTTTTCTTGGAATCGACTCTCATGAAAACCTACGAGCTAAATATTC AATATGTTCTCTTGACCAACTTTATTCTGCATTTTTTTGAACGAGGTTTAGAGCAAGCTTCAGGAAAC TGAGACAGGAATTTTATTAATAAATTTAAATTTGAAGAAAAGTTCAGGGTTAATAGCATCCATTTTTTGCT TTGCAAGTTCCTCAGCATTTCTTAACAAAAGACGTCTCTTTTGACATGTTTAAAGTTTAAACCTCCTGTGT GAAATTATTATCCGCTCATAATTCCACACATTATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTG CCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCAATTGCTTTCCAGTCGGGAAACCT GTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGGCTATTGGGCGCTCTTC CGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAG GCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAAGGCCAGCA AAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCAT CACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCC CCCTGGAAGCTCCCTCGTGCGCTCTCTGTTCGGACCNGGCGCTTACGGAACCTGTGGGCTTNNCCCTT CGGGAACGTGGGGCTTTCCCAAACTCCACCGGAAGGNTCNCAATCCGGGTAAGTCCTTCCCCCAACT GGGGTGGGGG

Gene ID: Glyma.17G262300.Wm82.a4.v1 → 5 exons

CircRNA ID: Gm17:41684169-41684774 → exons 2 - 4

Exon 2:

AGATAGCAAATCCAGTCCAAGCTCATCCAACTTGAACAGCCGTTGACAGACTTTGAGGGTTCATTGAGGGTATTCATGCCAGTT[R:CATTAGTTTACTCACGCCTGGCCACA]CGTCTTCGTTGGGAGTACCCAATAGC

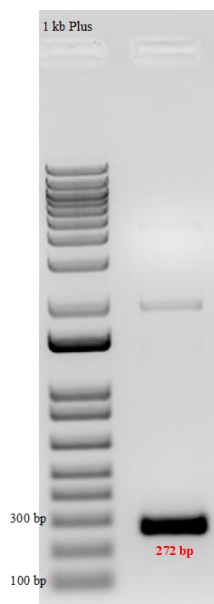
Exon 4:

CAAAATATGCAGCCTACGGACCAAATGTCCACCGCCATTGAGTAATGG[F:GTAGCACCCAAGAGGACTTCAGGAGC]TCTATACCACAGGGTTAGTATCTCATGTGTATATTTCTTAATCGGCACAGTAAATGCTCGAGCGAGTCCAAGATCAGCAATTTTAAGCATCATGGTTTTTGGGTCCATCAAGATTGTGAGGTTTCAAGTCCAGATAGCAAATCCAGTCCAAGCTCATCCAACTTGAACAGCCGTTGACAGACTTTGAGGGTTCATTGAGGGTATTCATGCCAGTT[R:CATTAGTTTACTCACGCCTGGCCACA]

CircRNA junction:

[F:GTAGCACCCAAGAGGACTTCAGGAGC]TCTATACCACAGGGTTAGTATCTCATGTGTATATTTCTTAATCGGCACAGTAAATGCTCGAGCGAGTCCAAGATCAGCAATTTTAAGCATCATGGTTTTTGGGTCCATCAAGAGATTGTGAGGTTTCAAGTCCAGATAGCAAATCCAGTCCAAGCTCATCCAACTTGAACAGCCGTTGACAGACTTTGAGGGTTCATTGAGGGTATTCATGCCAGTT[R:CATTAGTTTACTCACGCCTGGCCACA]

Gel electrophoresis and Sanger Sequencing:



CCCGAAATGTAGGAGATCTTCTAGAAAGAT[F:GTAGCACCCAAGAGGACTTCAGGAGC]TCTAT
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AGATAGCAAATCCAGTCCAAGCTCATCCAACTTGAACAGCCGTTGACAGACTTTGAGGGTT
CCATTGAGGGTATTCATGCCAGTT[R:CATTAGTTTACTCACGCCTGGCCACA]ATCTTGCTGAAA
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CGCGGAACCCCTATTTGTTTATTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAATA
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CGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTCCAATGATGAGCACTTTTAAAGTT
CTGCTATGTGGCNCGGTATTATCCCGTATTGACGCCGGGCAAGAGCAACTCGGTCGCCGCAAN
CCCTATTTTCAAATGACTTGGTTGAATACTCACAGTCCAAGAAAGCATTTACGGATGGCTGGA
NGGTAGAGAATNTGCAGGCTGCCTAACCTGAAGGAAAACCTGGGGCCAATTACTTTTAAAAAAA
ATTGNGAACAANGNTAACCTTTTTTCCCAAAGGGGNNNATTTNNTCCCCCTTTTTTGGGGAA
CCAGGTGTAAANACCCCCAAAAAAA

Gene ID: Glyma.05G075100.Wm82.a4.v1 → 7 exons

CircRNA ID: Gm05:9376287-9377127 → exons 3 - 5

Exon 3:

GGAATAACTGCAGCATCATTTATCTCTGAATGAGATAGGAGTAACTCTTCTAGCTCTGCCGGAGCAAC

Exon 4:

CTGGTAGCCCTTGATTTAATCAACTCTTTCAACCTATCTACAACATACAAGAAACCTTTGCTATCAAAATAA[R:CAGAGGTCCCCAGTCCTTA
ACCACC]CATCCACCAAAGTTGCTGAAGTTGCTTTTGGGTCACCAGAATAAC

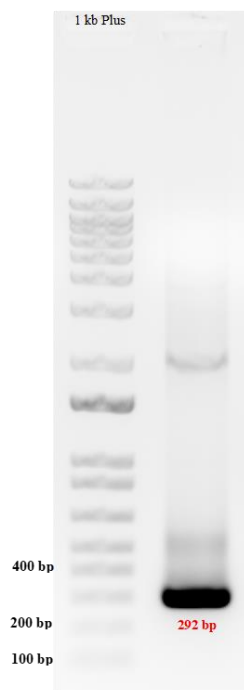
Exon 5:

CTTTCATAACATAAGGTCCTCTGATCCAGAGTTCTCCTTGTTACCGGGAAACAT[F:GGCTTCCCCTGTTTCTGGGTTACAC]AATTTTGGCTTCTA
TATTTGGTATCAGTTTACCTGTTGCTCCACCTGATTTGCCCTCTGAGTGGTTTCGGGTAAGTGCAGACTCAGTTAAACCGTATCC

CircRNA junction:

[F:GGCTTCCCCTGTTTCTGGGTTACAC]AATTTTGGCTTCTATATTTGGTATCAGTTTACCTGTTGCTCCCACTGATTTGCCTCCTCTGGAGTGGTT
CGGGTAAGTGCAGACTCAGTTAAACCGTATCCGGAATAACTGCAGCATCATTTATCTCTGAATGAGATAGGAGTAACTCTTCTAGCTCTGCCGG
AGCAACCTGGTAGCCCTTGATTTAATCAACTCTTTCAACCTATCTACAACATACAAGAAACCTTTGCTATCAAAATAA[R:CAGAGGTCCCCAG
TCCTTAACCACC]

Gel electrophoresis and Sanger Sequencing:



CCCCAATTCGGATGGCTCGAGTTTTTCAGCAAGAT[F:GGCTTCCCCTGTTTCTGGGTTACAC]AATTTTG
GCTTCTATATTTGGTATCAGTTTACCTGTTGCTCCACCTGATTTGCCCCCTCTGGAGTGGTTTCGGGTA
ACTGCAGACTCAGTTAAACCGTATCCGGAATAACTGCAGCATCATTTATCTCTGAATGAGATAGGAGT
AACTCTTCTAGCTCTGCCGGAGTAACCTGGTAGCCCTTGATTTAATCAACTCTTTCAACCTATCTACA
ACATACAAGAAACCTTTGCTATCAAAATAA[R:CAGAGGTCCCCAGTCCTTAACCACC]ATCTTTCTAGA
AGATCTCCTACAATATTTCTCAGCTGCCATGGAAAATCGATGTTCTTCTTTTATCTCTCAAGATTTTCA
GGCTGTATATTAACCTTATATTAAGAACTATGCTAACCACCTCATCAGGAACCGTTGTAGGTGGCGT
GGGTTTTCTTGGCAATCGACTCTCATGAAAACCTACGAGCTAAATATTTCAATATGTTCTCTTGACCAAC
TTTATTCTGCATTTTTTTTGAACGAGGTTTAGAGCAAGCTTCAGGAACTGAGACAGGAATTTTATTAA
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CTTAACAAAAGACGTCTCTTTTGACATGTTTAAAGTTTAAACCTCCTGTGTGAAATTATTATCCGCTCA
TAATTCACACATTATACGAGCCGGAAGCATAAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTA
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TTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTTCGCTATTGGGCGCTCTTCCGCTTCTCGCTCA
CTGACTCGCTGCGCTCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGTCACTCAAAGCGGTAATACGG
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AACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCNTAGGCTCCGCCCCCTGACGAGCATCCCAAAAT
CGACGCTCAGTCCAAGGGGCCAAACCCGACAGGACTTAAAGAAACCAGGCGTTTCCCCCTGGAAACT
CCCTCGGGGCTCTCTGTTCCAACCTGGCCCTTACGGAANCTGNCCCCTTTTTCCCCCTTTGGAAAGGGG
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Gene ID: Glyma.06G000300.Wm82.a4.v1 → 18 exons

CircRNA ID: Gm06:33087-34718 → exons 9 - 12

Exon 9:

CACTTGGATTTTGAACCAGTTCAAACCTGAACGGCCTGGAGAGTTAACTGCTTACTACAAAATTGCAC

Exon 10:

GTCATTACAAGTGGGCTCTAGATCAACT[R:GTTCTACAAGCATAACTTCAGCCGTGTG]ATCATTCTTGAAG

Exon 11:

ATGACATGGAAATAGCACCTGATTTCTTT[F:GATTATTTTGAAGCTGCAGCGACTCTCC]TTGACAAGGATAA

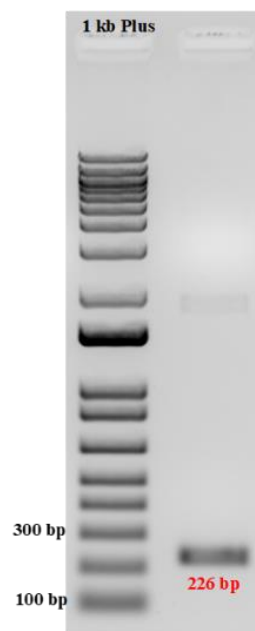
Exon 12:

ATCCATTATGGCTGTTTCCTCATGGAATGACAATGGACAAAAGCAGTTTGATCATGATCCAT

CircRNA junction:

[F:GATTATTTTGAAGCTGCAGCGACTCTCC]TTGACAAGGATAAATCCATTATGGCTGTTTCCTCATGGAATGACAATGGACAAAAGCAGTTTGT
ACATGATCCATCACTTGGATTTTGAACCAGTTCAAACCTGAACGGCCTGGAGAGTTAACTGCTTACTACAAAATTGCACGTCATTACAAGTGGG
CTCTAGATCAACT[R:GTTCTACAAGCATAACTTCAGCCGTGTG]

Gel electrophoresis and Sanger Sequencing:



NCCCGAANTCGGAATGGCTCGAGTTTTCAGCAAGAT[F:GATTATTTTGAAGCTGCAGCGACTCTC
C]TTGACAGGATAAATCCATTATGGCTGTTTCCTCATGGAATGACAATGGACAAAAGCAGTTTGTA
CATGATCCATCACTTGGATTTTGAACCAGTTCAAACCTGAACGGCCTGGAGAGTTAACTGCTTACTA
CAAAAATTGCACGTCATTACAAGTGGGCTCTAGATCAACT[R:GTTCTACAAGCATAACTTCAGCCGT
GTG]ATCTTTCTAGAAGATCTCCTACAATATTCTCAG[R:CTGCCATGGAAAATCGATGTTCTT]CTTT
TATTCTCTCAAGATTTTCAGGCTGTATATTAACCACTTATATTAAGAACTATGCTAACCCATCATCA
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TCAATATGTTCTCTTGACCAACTTTATCTGCATTTTTTTGAACGAGGTTTAGAGCAAGCTTCAG
GAAACTGAGACAGGAATTTTATTAACCACTTATATTAAGAACTATGCTAACCCATCATCA
ATTTTTTGCTTTGCAAGTTCTCTCAGCATTCTTAACAAAAGACGTCCTTTTGACATGTTTAAAGTTT
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TGTAAGCCTGGGGTGCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCAATT
GCTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGG
CGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCCGGCTG
CGGCGAGCGGTATCAGCTCACTCAAAGCGGTAATACGTTATCCACAGAATCAGGGGATAACGC
AGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTG
GCGTTTTTCATAGGCTCCGCCCCCTGACAAGCATCACAAAATCGACGCTCAAGTCAGAGGTG
GCGAAACCCGACGGGACTATAAAGATACCAGGCGTTTCCCTGGAANCTCCCTCGTGCGCTNCCC
GGTTCCAACCTGCCGCTTACCGGAAACCTGTCCGCTTTTTCCCTTCGGGAAGCTNNGGGGCTTTC
NCNTAACCTCCNGCGTGAGGTNCTNCTTTCCGGGAAANNCGTTCCNCCCAANNGGGGGGGGCNN
AACCCCCCTTTCCCCAACCCGGGCCCTTTCGGGGGTT

Gene ID: Glyma.08G035500.Wm82.a4.v1 → 9 exons

CircRNA ID: Gm08:2820041-2820979 → exons 6 – 8

Exon 6:

GTTGGCATT TTTTGTGCTGGAACCTCAGCCATGGAAGTCATATGAAAGCAATCGTAATGTCTCAGAG

Exon 7:

ACCACT[R:GCTGCCAACTACCGTAATATTATGATTCTGA]CCAGAACAGTTTCAGGAAATATTACTAGATAAG

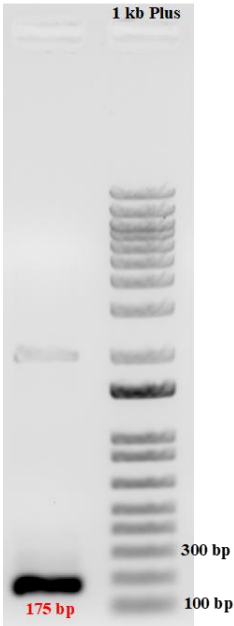
Exon 8:

ATTGGATTTCGAACAGTTGAAGATATCACTTCAGGTTT[F:GACAGATAGCAAGACTGGTTTCAACAGG]CCAATTCTGGTTTTTTTGCAAATGATC
CGTGCATGCAAATAGTCAG

CircRNA junction:

[F:GACAGATAGCAAGACTGGTTTCAACAGG]CCAATTCTGGTTTTTTTGCAAATGATC CGTGCATGCAAATAGTCAGGGTGGCATT TTTTGTGCTG
GAACCTCAGCCATGGAAGTCATATGAAAGCAATCGTAATGTCTCAGAGACCACT[R:GCTGCCAACTACCGTAATATTATGATTCTGA]

Gel electrophoresis and Sanger Sequencing:



CCCGAANTCGGATGGCTCGAGTTTTTCAGCAAGAT[F:GACAGATAACAAGACTGGTTTCAACAGG]CCAATT
CTGGTTTTTTTGCAAATGATCCGTGCATGCAAATAGTCAGGGTGGCATT TTTTGTGCTGGAACCTCAGCCATGG
AAGTCATATGAAAGCAATCGTAATGTCTCAGAGACCACT[R:GCTGCCAACTACCGTAATATTATGATTCTGA]
ATCTTTCTAGAAGATCTCCTACAATATTCTCAGCTGCCATGGAAAATCGATGTTCTTCTTTTATTCTCTCAAG
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TTTATCTGCATT TTTTGAACGAGGTTTAGAGCAAGCTTCAGGAACTGAGACAGGAATTTTATTAATAA
TTTAAATTTTGAAGAAAGTTTCAAGGTTAATAGCATCCATTTTTTGCTTTGCAAGTTCCTCAGCATTCTTAACA
AAAGACGTCTCTTTTGACATGTTTAAAGTTTAAACCTCCTGTGTGAAATTATTATCCGCTCATAATTCCACAC
ATTATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGC
GTTGCGCTCACTGCCAATTGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACG
CGCGGGGAGAGGCGGTTTGGCTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCTGT
TCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACG
CAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTT
TTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGA
CAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCTCGTGCGCTCTCCTGTCCGACCCTGCCGC
TTACCGGAAACCTGTCCGCTTTTCTCCCTTCGGGAAGCGTGGCGCTTTCCCAAAGCTCACGCTGTAAGGTAT
CCCAGTTCGGGGGAAGGTCGTTNCCTTCCAAGCTGGGGTGGGGGGCCAGAACCCCCCTATCACGCCCCAC
CCCGGCCCTTANCGGGAAATTTTCTTTGTTCCCCCGGGAAAAACAATTTTCCCGGNANCCCCCGTAAA
AAAAAAAAAAAAAGGTTGGGGGGGGGCCAAAATTTTAGGGGGGGCANCACCCCCCCCNANAAAAAATTT
TTTTCCCCC

Gene ID: Glyma.05G001000.Wm82.a4.v1 → 10 exons

CircRNA ID: Gm05:92631-94898 → exons 4 - 8

Exon 4:

CTTATTGTGTAGAACAGATGCTTCTTGATCAAAGAATAGCCATGATTCATCTGGATTTAT

Exon 5:

CTTTGGAGCCAATGTAGCCTTAGAGTCGTCTTGA[R:GGTTGTGCCTTTACTCTTGCTGATCCAT]CAAGTATAGAAGGAAGTTCTCCAATCAGAA
GTTTAGATC

Exon 7:

CTTTATTGATCATCAACTTGAATGGTTT[F:CAGTAGCAATGACAGGTCCAGCATCG]AGGGCACGGACAGTGAATGCTAATGATACTCCAGTT
TCTTTAACACCATC

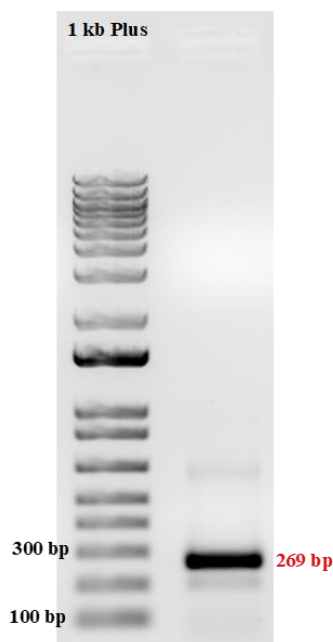
Exon 8:

CTGCAATGCCCTTTGAACAGGAGCAGCACCCACGATACAATGGCAAAAGGCTAGGGTGAATATTGACTGTTC

CircRNA junction:

[F:CAGTAGCAATGACAGGTCCAGCATCG]AGGGCACGGACAGTGAATGCTAATGATACTCCAGTTTCTTTAACACCATCCTGCAATGCCCTTTG
AACAGGAGCAGCACCCACGATACAATGGCAAAAGGCTAGGGTGAATATTGACTGTTCCTTATTGTGTAGAACAGATGCTTCTTGATCAAAGAAT
AGCCATGATTCATCTGGATTTATCTTTGGAGCCAATGTAGCCTTAGAGTCGTCTTGA[R:GGTTGTGCCTTTACTCTTGCTGATCCAT]

Gel electrophoresis and Sanger Sequencing:



CCCGAAATGTAGGAGNCTTCTAGAAAGAT[F:CAGTAGCAATGACAGGTCCAGCATCG]AGGGCACG
GACAGTGAATGCTAATAATACTCCAGTTTCTTTAACACCATCCTGCAATGCCCTTTGAACAGGAGCA
GCACCACGATACAATGGCAAAAGGCTAGGGTGAATATTGACTGTTCCTTATTGTGTAGAACAGATG
CTTCTTGATCAAAGAATAGCCATGATTCATCTGGATTTATCTTTGGAGCCAATGTAGCCTTAGAGTC
GTCTTGA[R:GGTTGTGCCTTTACTCTTGCTGATCCAT]ATCTTGCTGAAAACTCGAGCCATCCGGAA
GATCTGGCGGCCGCTCTCCCTATAGTGAGTCGTATTACGCCGGATGGATATGGTGTTCAGGCACAA
GTGTTAAAGCAGTTGATTTTATTCACTATGATGAAAAAACAATGAATGGAACTGCTCCAAGTTA
AAAATAGAGATAATACCGAAACTCATCGAGTAGTAAGATTAGAGATAATACAACAATAAAAAAA
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AGAATTTAAATGAAGAAGACTTCAGAGCTTTTGTTAAAAATTATTTGGCAAAAAATAATATAATTCG
GCTGCAGGGGCGGCCTCGTGATACGCCTATTTTTATAGGTAAATGTCATGATAATAATGGTTTCCTA
GACGTCAGGTGGCACTTTTCGGGGAATGTGCGCGGAACCCCTATTTGTTATTTTCTAAATACAT
TCAAATATGTATCCGCTCATGAGACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAG
AGTATGAGTATTCAACATTTCCGTGTCGCCCTTATCCCCTTTTTGCGGCATTTTGCCTTCCTGTTTT
GCTACCCAGAAACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTA
CATCGAACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTCGCCCCGAAGAACGTTTCCAAT
GATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGCAAGAGCA
ACTCGGTGCGCGCATACACTATTCTCAGAATGACTTGTTGAATACTCACCAGTCCAGNAAAGCAT
CTTACGGATGGCTTGACCGTAAGAAAATTATGCAGGGCTGCCATAACCTTGAATGAACCCGTGCGC
CAANTTACTTTGAAAACGATCGGGGGANNAAGGAACCTACCCCTTTTTTGCANNNGGGGGAAAT
ATTAATCCCCCTTNNTTTTGNGAANNNGTAAAAAACCTCCCNNAACAAAGAGGGGCCCCCAGTG
CTGTA

Gene ID: Glyma.12G165301.Wm82.a4.v1 → 15 exons

CircRNA ID: Gm12:33422727-33423151 → exons 10 - 12

Exon 10

ATCCTGCATGCTACCAAAACAAACAAGAATGCCTTCAAGACTCTGATTGCGGCA[R:GAGTACAGTGGCGTCCAAGTGGA]ATTGGCCCTAATT
TCGAGATGGGTGTCTCTAACAAAACCTCTGAATTTCTCAAGATGAATCCTATTGGAAAG

Exon 11

GTTC[F:TGTTTTGGAAACGCCCGATGGTCC]AGTCTTTGAGAGCAATGCAATCGCTCGTTACG

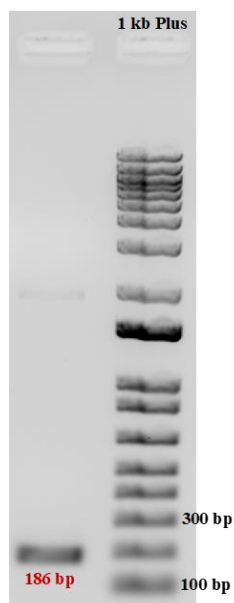
Exon 12

TTGCTCGACTAAAGGGTGACAACGCTTTGTTCTCATCTCTGCCATTGATAAT

CircRNA junction:

[F:TGTTTTGGAAACGCCCGATGGTCC]AGTCTTTGAGAGCAATGCAATCGCTCGTTACGTTGCTCGACTAAAGGGTGACAACGCTTTGTTCTCAT
CTTCTGCCATTGATAATATCCTGCTATGCTACCAAAACAAACAAGAATGCCTTCAAGACTCTGATTGCGGCA[R:GAGTACAGTGGCGTCCAAGT
GGA]

Gel electrophoresis and Sanger Sequencing:



CCCGAAATGTAGGAGATCTTCTAGAAAGAT[F:TGTTTTGGAAACGCCCGATGGTCC]AGTCTTTGAG
AGCAATGCAATCGCTCGTTACGTTGCTCGACTAAAGGGTGACAACGCTTTGTTCTCATCTTCTGCCA
TTGATAATATCCTGCATGCTACCAAAACAAACAAGAATGCCTTCAAGACTCTGATTGCGGCA[R:GA
GTACAGTGGCGTCCAAGTGGA]ATCTTGCTGAAAACTCGAGCCATCCGGAAGATCTGGCGGCCGC
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ACTTTTCGGGGAAATGTGCGCGGAACCCCTATTTGTTTATTTTCTAAATACATTCAAATATGTATC
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AACATTTCCGTGTCGCCCTTATTCCTTTTTCGCGCATTTTGCCCTTCTGTTTTTGCTCACCCAGAA
ACGCTGGTGAAAGTAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTACATCGAAGTGA
TCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTCCAATGATGAGCACTTTT
AAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGCAAGAGCAACTCGGTCGCCGC
ATACACTATTCTCAGAATGACTTGTTGAGTACTCCCAAGTCANNGAAAAGCATCTTACGGATGGC
TGACCGTAAGAGAATTATGCAGTGCTGCCNTACCATGAGGGAAAACCTGGGGCCAATTACTTNGAN
ACGATCGGAGGACCAAGGAGCTAACNCTTTTNGCCACNNGGGGAANTGGAATCGCCTTGATCTT
TGGAACCGAACTAAAAAACCCCTCCAACCCCNCGGGACCCAGCCCTAAGGGGAACCTTGGCAAA
TTTAGGGGGGAAATTTTCTCCTTCCC

Gene ID: Glyma.19G250600.Wm82.a4.v1 → 30 exons

CircRNA ID: Gm19:50184151-50188011 → exons 17 - 23

Exon 17:

CAACTGTTGCAACATTGACAGATCTTGGTTTCTTATGGTTTAGAGAATTCTATTTAGAGTCTTCACGAGTCATTAG

Exon 18:

TTTCCAATTGAATGCTCCCTTCCTTGGATGTTGGTGGATTGTGTACTTGAGTCACCGAATTCTGGTCTTCTCGAGAGTGTCTAATGCCATTTGA[
R:CATCTATAATGATTAGCTCAGCAAGCCTT]GGTGTGTCTGAAGCAACGGTTTTATACGATGAAATTGAGGCTGAG

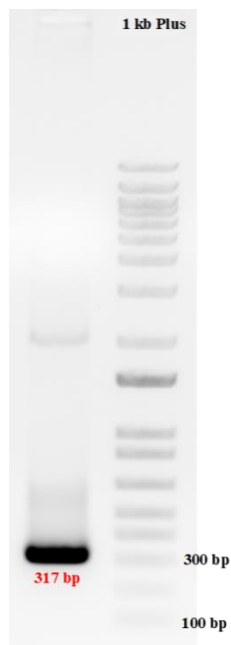
Exon 23:

ATTGGTCTGAGATGCATAGTGATTTTTT[F:GCCAAATTTCACTCTCTGCAATACTACTCAACG]TTTATCAGATCATCAAGAACGGTTCCTGTT
CAAAAGCCATCTGTACCCTCTTCTAAGCCTAGTTTCTATTGTGGTACTCAA

CircRNA junction:

[F:GCCAAATTTCACTCTCTGCAATACTACTCAACG]TTTATCAGATCATCAAGAACGGTTCCTGTTCAAAAGCCATCTGTACCCTCTTCTAAGC
CTAGTTTCTATTGTGGTACTCAACAACTGTTGCAACATTGACAGATCTTGGTTTCTTATGGTTTAGAGAATTCTATTTAGAGTCTTCACGAGTCA
TTCAGTTTCCAATTGAATGCTCCCTTCCTTGGATGTTGGTGGATTGTGTACTTGAGTCACCGAATTCTGGTCTTCTCGAGAGTGTCTAATGCCA
TTTGA[R:CATCTATAATGATTAGCTCAGCAAGCCTT]

Gel electrophoresis and Sanger Sequencing:



CCCGAACTCGGAATGGCTCGAGTTTTNAGCAAGAT[F:GCCAAATTTCACTCTCTGCAATACTACTCA
ACG]TCTTATCAGATCATCAAGAACGGTTCCTGTTCAAAAGCCATCTGTACCCTCTTCTAAGCCTAG
TTTCTATTGTGGTACTCAACAACTGTTGCAACATTGACAGATCTTGGTTTCTTATGGTTTAGAGAAT
TCTATTTAGAGTCTTCACGAGTCATTGAGTTTCCAATTGAATGCTCCCTTCCTTGGATGTTGGTGGGA
TTGTGTACTTGAGTCACCGAATTCTGGTCTTCTCGAGAGTGTCTAATGCCATTTGA[R:CATCTATA
ATGATTAGCTCAGCAAGCCTT]ATCTTTCTAGAAGATCTCCTACAATATTCTCAGCTGCCATGGAA
AATCGATGTTCTTCTTTTATTCTCTCAAGATTTTCAGGCTGTATATTAACCTTATATTAAGAACTAT
GCTAACCACTCATCAGGAACCGTTGTAGGTGGCGTGGGTTTTCTTGCAATCGACTCTCATGAAA
ACTACGAGCTAAATATTCAATATGTTCTCTTGACCAACTTTATCTGCATTTTTTTGAACGAGGT
TTAGAGCAAGCTTCAGGAACTGAGACAGGAATTTATTAATAAATTTAAATTTGAAGAAAGTTCA
GGGTTAATAGCATCCATTTTTTGCTTTGCAAGTTCCTCAGCATTCTTAACAAAAGACGTCTCTTTTG
ACATGTTTAAAGTTTAAACCTCCTGTGTGAAATTATTATCCGCTCATAATTCCACACATTATACGAG
CCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGC
GCTCACTGCCAATTGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAAC
CGCGGGGAGAGGCGGTTTGGCTATTGGGCGGCCTTCCGCTTCTCCATCACCGA

Gene ID: Glyma.05G181000.Wm82.a4.v1 → 10 exons

CircRNA ID: Gm05:36914887-36915270 → exons 2 and 3

Exon 2:

CTTTTAGCTTGTGACAAATCGCTTGGCGCAGTTCCATGGTCCCGG[R:CATTGGGCGTGTAACCTCGTGTAAACC]TTCACGAATTGCATTAATCCCA
GC

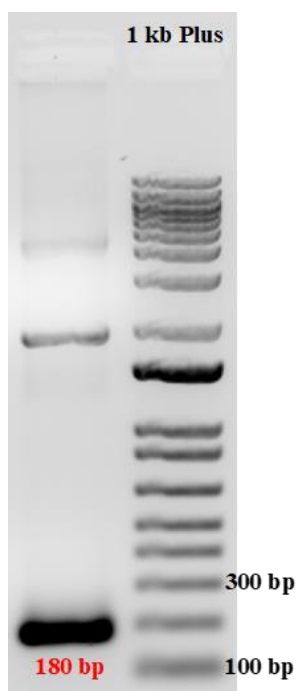
Exon 3:

CTCGGCTATGGGAGCGGGCGTGTGCGAAATCGGGCTCGCCGGCGCGAGGCGGATGACGGGAACGCCGGCTTGGACGAGAGCGGTGGCGTGGT
CGCTGATGGCGACGGTTT[F:TGGAAGGCTTGACGGCATTGACAC]GAGGACTGAGCGAAAGGTCAACGTCGAAGTCAGAGTGCGAAGAAGCCT
TAACCGCAATTGCGTTGGGTGTTTTGCCGCACGTGTT

CircRNA junction:

[F:TGGAAGGCTTGACGGCATTGACAC]GAGGACTGAGCGAAAGGTCAACGTCGAAGTCAGAGTGCGAAGAAGCCTTAACCGCAATTGCGTTGG
GTTGTTTTGCCGCACGTGTTCTTTTAGCTTGTGACAAATCGCTTGGCGCAGTTCCATGGTCCCGG[R:CATTGGGCGTGTAACCTCGTGTAAACC]

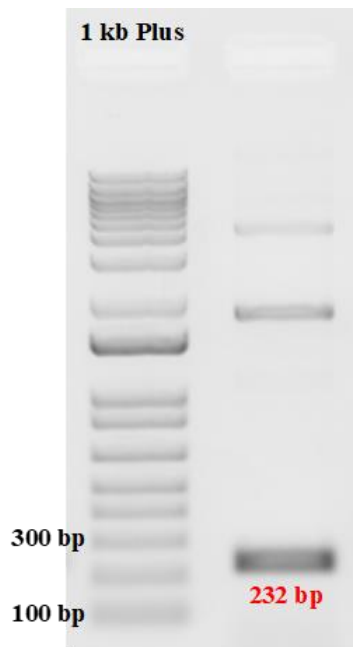
Gel electrophoresis and Sanger Sequencing:



GTTTAAATANGGGGCACCCTCCTNNNCTCTCATTTTTNNNAAANAACCCCNNGGGAGGGGG
GGGGGGGGAGGGGTTCCGACTTTTTCCCCCCCCNNNCTTTTTATTTGTNCGGANATAGAGAA
ATTTTCCCATTAATTTTGGCAAAGTTTCCCTTTNCGGATTGGGGTTCCCGTCTNNTNNTTG
GTNGGGTTCATCAGTCGGTTCCTCAAGATCAGGCGAGTTACAGATCCCCAGTTGGCAAAAAG
CGGTAGTTCCCTTGGTCTCCGATCGTGTGCGAAGTAAGTGGCCGAGNTTATCACTCAGGTTAG
GCAGCACTGCATAATTTTTTACTGTGTCATGCCATCCGTAAGATGCTTCTGTGACTGGTGAGTA
CTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGGCCGGCGTCAAT
ACGGGATAATACCGCGCCACATAGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCTT
CGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTGATGTAACCCACTCGTG
CACCCAAGTATCTTCAGCATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACAGGAA
GGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTC
CTTTTCAATATTATTGAAGCATTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAAT
GTATTTAGAAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCGAAAAAGTGCCACCTGAC
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CCTGCAGCCGAATTATATTATTTTGCCAAATAATTTTAAACAAAAGCTCTGAAGTCTTCTTCA
TTTAAATTCTTAGATGATACTTCATCTGGAAAATTGTCCCAATTAGTAGCATCACGCTGTGAG
TAAGTTCTAAACCATTTTTTATTGTTGTATTATCTCTAATCTTACTACTCGATGAGTTTCGGT
ATTATCTCTATTTTTAACTTGGAGCAGGTTCCATTCAATTGTTTTTTCATCATAGTGAATAAAA
TCAACTGCTTTAACACTTGTGCCTGAACACCATATCCATCCGGCGTAATACGACTCACTATAG
GGAGAGCGGCCGCCAGATCTTCCGGATGGCTCGAGTTTTTCAGCAAGAT[F:TGGAAGGCTTGA
CGGCATTGACAC]GAGGACTGAGCGAAAGGTCAACGTCGAAGTCAGAGTGCGAAGAAGCCTT
AACCGCAATTGCGTTGGGTGTTTTGCCGCACGTGTTCTTTAGCTTGTGACAAATCGCTTGGC
GCAGTTCCATGTGCCCGG[R:CATTGGGCGTGTAACCTCGTGTAAACC]ATCTTNCTAGAAGATCTC
CTACATTTCCGGG

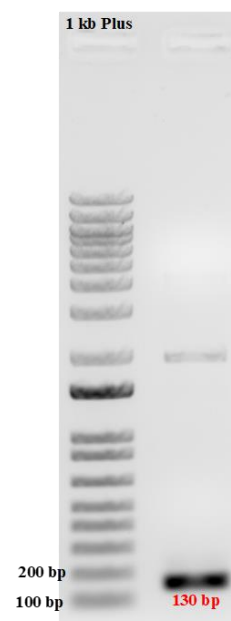
Gene ID: Glyma.09G072200.Wm82.a4.v1 → 14 exons

CircRNA ID: Gm09:7441707-7442379 → exons 6 - 8



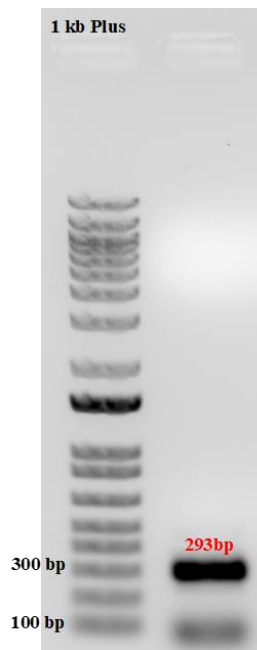
Gene ID: Glyma.09G002100.Wm82.a4.v1 → 22 exons

CircRNA ID: Gm09:159108-159502 → exons 11 and 12



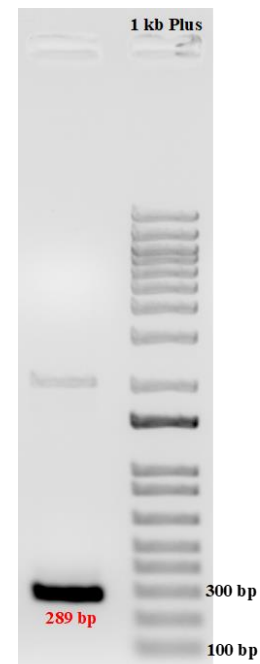
Gene ID: Glyma.13G328100.Wm82.a4.v1 → 18 exons

CircRNA ID: Gm13:41646492-41647810 → exons 8 - 12

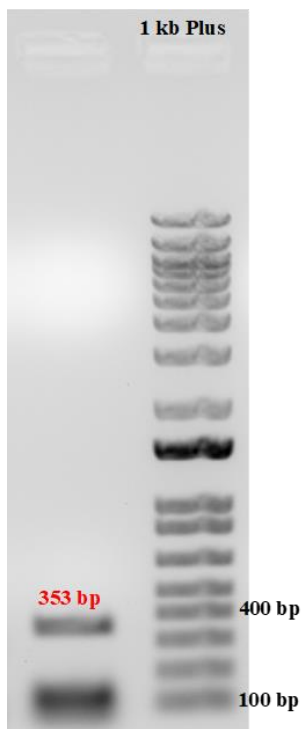


Gene ID: Glyma.20G174900.Wm82.a4.v1 → 22 exons

CircRNA ID: Gm20:41203647-41204058 → exons 12 and 13



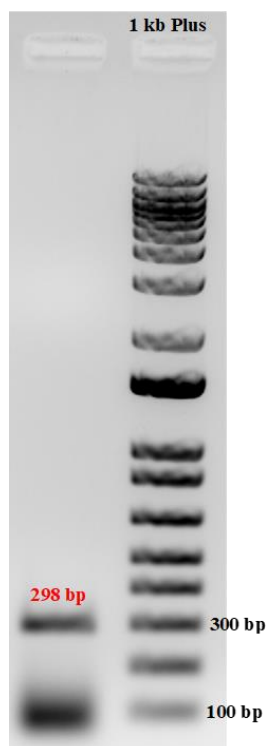
Gene ID: Glyma.13G174600.Wm82.a4.v1 → 47 exons
CircRNA ID: Gm13:28305198-28306795 → exons 19 - 23



Gene ID: Glyma.11G165900.Wm82.a4.v1 → 22 exons
CircRNA ID: Gm11:21290647-21291065 → exons 12 - 13



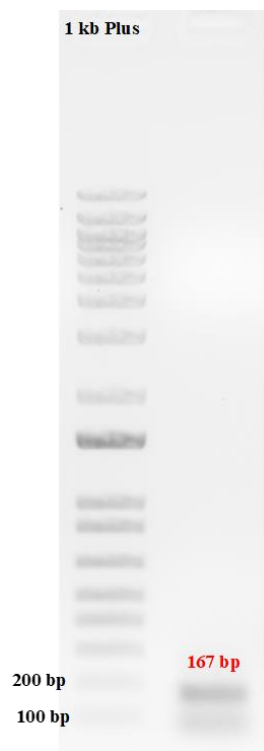
Gene ID: Glyma.04G192300.Wm82.a4.v1 → 44 exons
CircRNA ID: Gm04:45203596-45204445 → exons 4 - 8



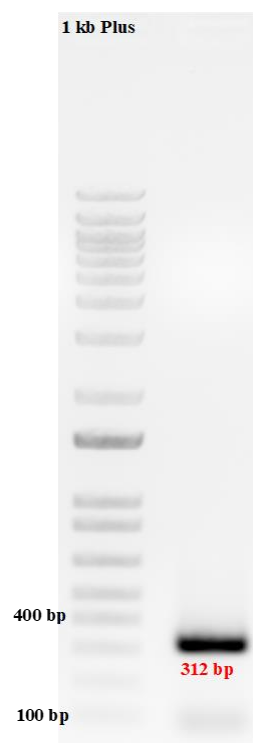
Gene ID: Glyma.06G268800.Wm82.a4.v1 → 16 exons
CircRNA ID: Gm06:45365226-45365827 → exons 9 - 10



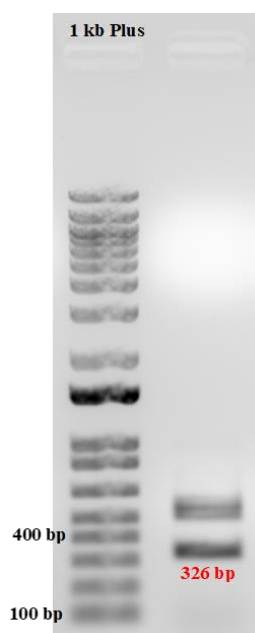
Gene ID: Glyma.01G188900.Wm82.a4.v1 → 5 exons
CircRNA ID: Gm01:53520281-53520651 → exons 3 - 4



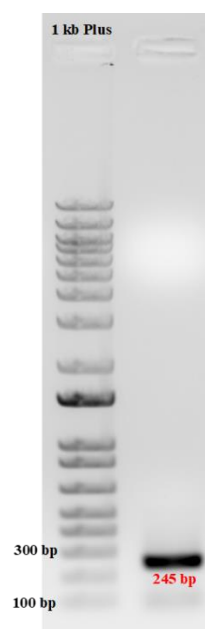
Gene ID: Glyma.02G164700.Wm82.a4.v1 → 18 exons
CircRNA ID: Gm02:25770068-25770721 → exons 15 - 17



Gene ID: Glyma.01G086201.Wm82.a4.v1 → 15 exons
CircRNA ID: Gm01:25633923-25634953 → exons 8 - 9



Gene ID: Glyma.20G230200.Wm82.a4.v1 → 9 exons
CircRNA ID: Gm20:46371201-46371776 → exons 2 - 4



Gene ID: Glyma.15G130100.Wm82.a4.v1 → 5 exons

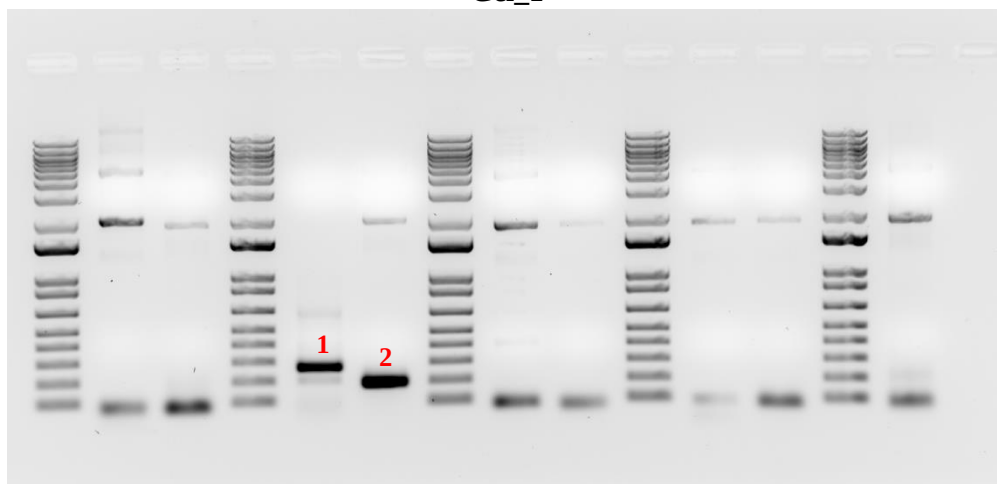
CircRNA ID: Gm15:10387255-10388352 → exons 2 - 3



Validation of circRNAs Using Divergent Primers and PCR: Full-Length Agarose Gel Results

We only assigned numbers to the bands used in our results report and publication. Full detail for every validated circRNA can be found above.

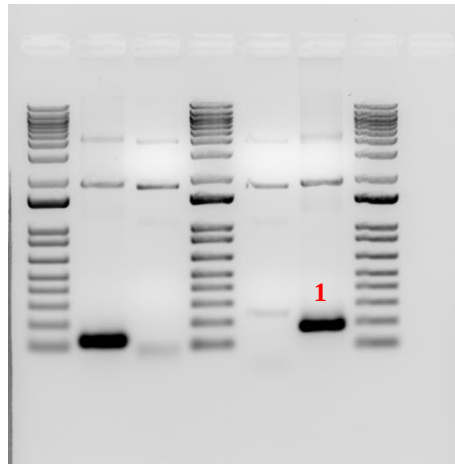
Gel_1



CircRNA IDs for Gel_1:

1. Gm05:92631-94898 (269bp)
2. Gm06:45365226-45365827 (176bp)

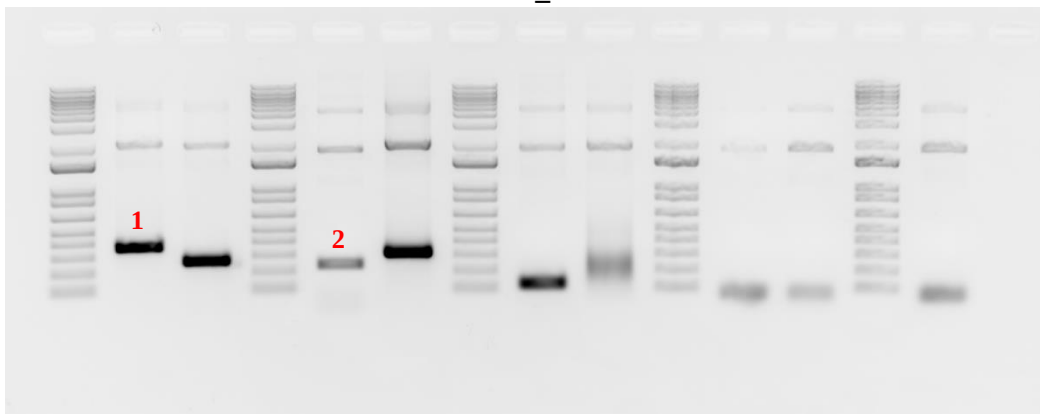
Gel_2



CircRNA IDs for Gel_2:

1. Gm05:36914887-36915270 (180 bp)

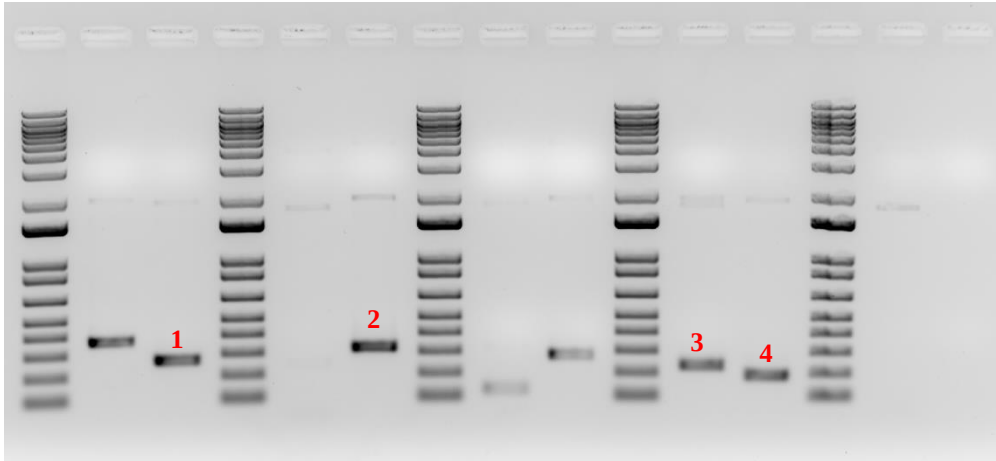
Gel_3



CircRNA IDs for Gel_3:

1. Gm13:25614859-25616046 (367bp)
2. Gm09:7441707-7442379 (232bp)

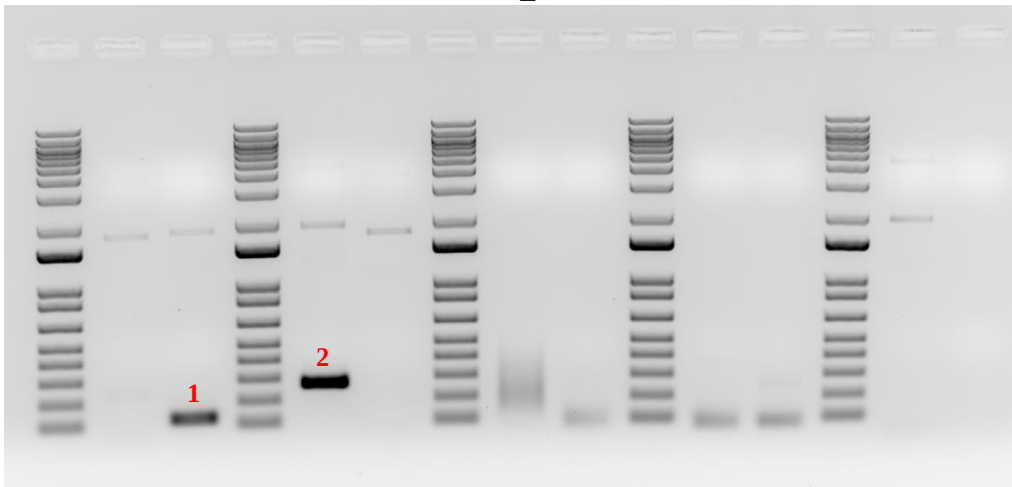
Gel_4



CircRNA IDs for Gel_4:

1. Gm04:45203808-45204445 (263bp)
2. Gm11:3832979-3834119 (318bp)
3. Gm06:33087-34718 (226bp)
4. Gm12:33422727-33423151 (186bp)

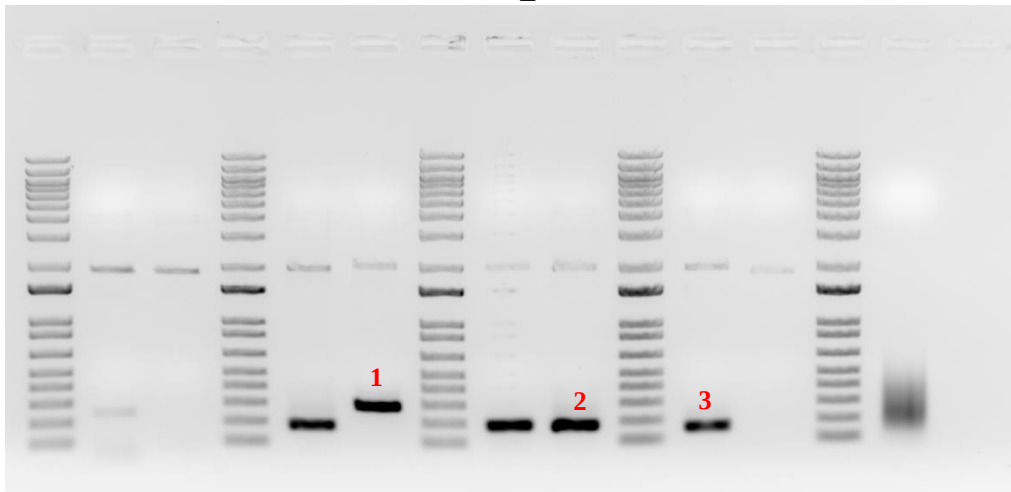
Gel_5



CircRNA IDs for Gel_5:

1. Gm04:60681-61366 (118bp)
2. Gm17:41684169-41684774 (272bp)

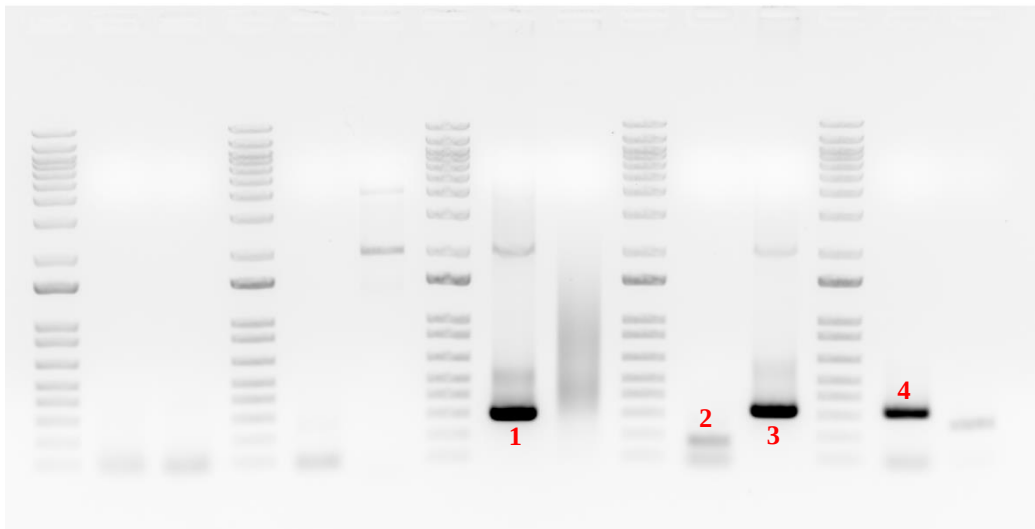
Gel_6



CircRNA IDs for Gel_6:

1. Gm20:41203647-41204058 (289bp)
2. Gm08:2820041-2820979 (175bp)
3. Gm09:159108-159502 (130bp)

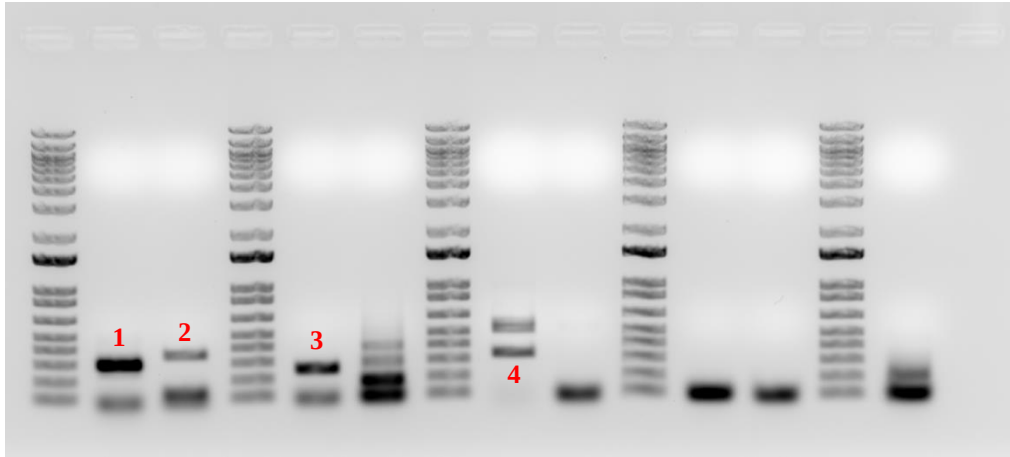
Gel_7



CircRNA IDs for Gel_7:

1. Gm05:9376287-9377127 (292bp)
2. Gm01:53520281-53520651 (167bp)
3. Gm19:50184151-50188011 (317bp)
4. Gm02:25770068-25770721 (312bp)

Gel_8



CircRNA IDs for Gel_8:

1. Gm13:41646492-41647810 (293bp)
2. Gm13:28305198-28306795 (353bp)
3. Gm11:21290647-21291065 (246bp)
4. Gm01:25633923-25634953 (326bp)

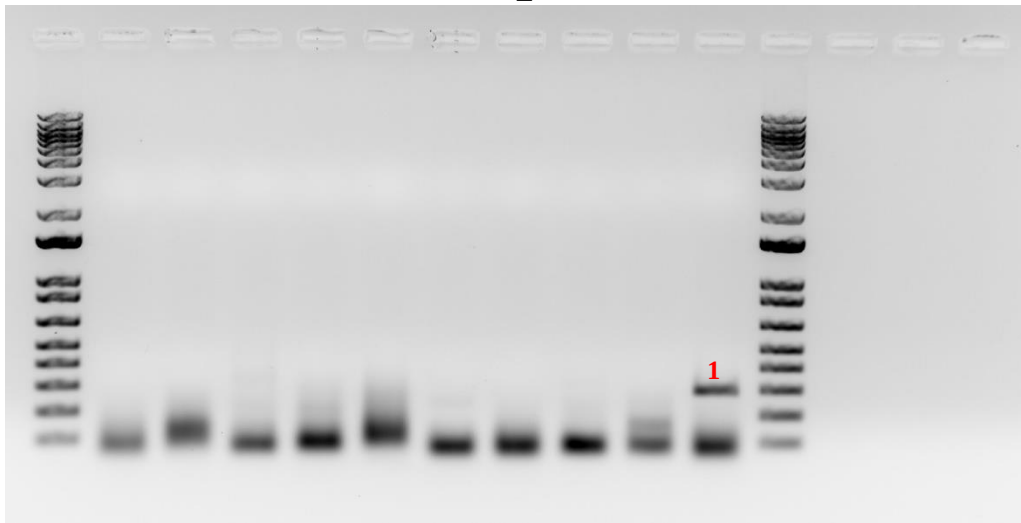
Gel_9



CircRNA IDs for Gel_9:

1. Gm15:10387255-10388352 (373bp)
2. Gm19:46460019-46460732 (183bp)
3. Gm20:46371201-46371776 (245bp)

Gel_10



CircRNA IDs for Gel_10:

1. Gm04:45203596-45204445 (298bp)