Fig S2. Alignment of *Csa3M006660* sequences from WT and *ms-3*
(Yellow highlight=exons; Red highlight=SNP)

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WT. seq         CAAAACCTCCAAATCCAAATATGAAACTACCAAAATTCAGTGAATGGTAGAGAAAGAAGA
ms-3. seq       CAAAACCTCCAAATCCAAATATGAAACTACCAAAATTCAGTGAATGGTAGAGAAAGAAGA
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WT. seq         AGAAGAAGAAGATGAAGAAATGAAGTTCATCTTCAGCCATGTCGATTTCGATTCTGGAAT
ms-3. seq       AGAAGAAGAAGATGAAGAAATGAAGTTCATCTTCAGCCATGTCGATTTCGATTCTGGAAT
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WT. seq         CCTGCAAGAAGAGAAAAAGAAGGCCTAAACTTTTCGGGTTTCAAACGTTCGGGGATCCTG
ms-3. seq       CCTGCAAGAAGAGAAAAAGAAGGCCTAAACTTTTCGGGTTTCAAACGTTCGGGGATCCTG
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WT. seq         GATCGCCAATCAACCCCACGGGTCCATTTCGTGAGAATATCAGAATCTTTCTTCAACAAT
ms-3. seq       GATCGCCAATCAACCCCACGGGTCCATTTCGTGAGAATATCAGAATCTTTCTTCAACAAT
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WT. seq         GTGCAGAGATTGAAGATTACAGAATTCAAGAAATGCCTATATGGTGTACTCTCCTTGTTC
ms-3. seq       GTGCAGAGATTGAAGATTACAGAATTCAAGAAATGCCTATATGGTGTACTCTCCTTGTTC
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WT. seq         ATGAAAATAAAAGCTTCGTTGTTCCACTTTACACTATTGAAGAAGATGTGAAGCTCTCCC
ms-3. seq       ATGAAAATAAAAGCTTCGTTGTTCCACTTTACACTATTGAAGAAGATGTGAAGCTCTCCC
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WT. seq         CAAAACCCTACTGCGATCAATGCCGATGTTCTGGTTTGAATTCTTTTTCTCTACTGAGTT
ms-3. seq       CAAAACCCTACTGCGATCAATGCCGATGTTCTGGTTTGAATTCTTTTTCTCTACTGAGTT
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WT. seq         TCTCTGTTTCTATGGATTCTGTTCATGGCTGATTTGTTTTTTCTGATTTTTTTTTCAGGG
ms-3. seq       TCTCTGTTTCTATGGATTCTGTTCATGGCTGATTTGTTTTTTCTGATTTTTTTTTCAGGG
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WT. seq         TGGAGTAATCATTTTGTATCGAAAAGAAAATATCATATCGTAATACCGTTGGATGATCGG
ms-3. seq       TGGAGTAATCATTTTGTATCGAAAAGAAAATATCATATCGTAATACCGTTGGATGATCGG
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WT. seq         TGGAACAAACGATTAGACGATGGCGGTTTCGACCTCGATGATCAAACTCATCTTCTTCAT
ms-3. seq       TGGAACAAACGATTAGACGATGGCGGTTTCGACCTCGATGATCAAACTCATCTTCTTCAT
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WT. seq         GGATTGATTCACTGCAATGGCTTCGGGCATTTGCTCTGCGTCAATGGAATCGAAGGAGGA
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ms-3.seq GGATTGATTCACTGCAATGGCTTCGGGCATTTGCTCTGCGTCAATGGAATCGAAGGAGGA

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WT.seq TCCAAGTTTCTTTGTGGCAGAGAAGTTATGGATCTTTGGGATAGAATCTGCACAAATCTA

ms-3.seq TCCAAGTTTCTTTGTGGCAGAGAAGTTATGGATCTTTGGGATAGAATCTGCACAAATCTA

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WT.seq AGAACAAGGTGTAAAGAATGGAAGTTATGAATGACTATGATAAAATTGTTGTTCTTCTCT

ms-3.seq AGAACAAGGTGTAAAGAATGGAAGTTATGAATGACTATGATAAAATTGTTGTTCTTCTCT

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WT.seq GCCGCAAAAGAAATTTTCTCTAACTTTCTGTTTGGTTCTTAGGAAAATTACAGTTGAGGA

ms-3.seq GCCGCAAAAGAAATTTTCTCTAACTTTCTGTTTGGTTCTTAGGAAAATTACAGTTGAGGA

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WT.seq TTTATCCAAGAAACGATCAATGGATCTACGTCTTCTTCATGGGGTAGCATACGGTCATCC

ms-3.seq TTTATCCAAGAAACGATCAATGGATCTACGTCTTCTTCATGGGGTAGCATACGGTCATCC

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WT.seq ATGGTTTGGGAGATGGGGCTACAGATTTTGCCGAGGAAGCTTTGGAGTGAAAGAACACCA

ms-3.seq ATGGTTTGGGAGATGGGGCTACAGATTTTGCCGAGGAAGCTTTGGAGTGAAAGAACACCA

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WT.seq TTACAGTAGAGCTTTGGAAATCCTCAGCTCTCTGGAACTCGACAAGATAATGCACGAAGT

ms-3.seq TTACAGTAGAGCTTTGGAAATCCTCAGCTCTCTGGAACTCGACAAGATAATGCACGAAGT

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WT.seq CGACTATAGCGATCGAGGAAGAGAAGTGAAGCAAATCATTCGACATTATCGAAATCTGAG

ms-3.seq CGACTATAGCGATCGAGGAAGAGAAGTGAAGCAAATCATTCGACATTATCGAAATCTGAG

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WT.seq TGAAACGCAGTTGATCACACTGAAAGATCTACTGAAGTTCATGTTGACAGTAAAATATGT

ms-3.seq TGAAACGCAGTTGATCACACTGAAAGATCTACTGAAGTTCATGTTGACAGTAAAATATGT

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WT.seq TTCTGCGATCGAGAAGAAAACGGTTCAACCAATCGCTAAATCTCCTCCTCCGTGTAGACA

ms-3.seq TTCTGCGATCGAGAAGAAAACGGTTCAACCAATCGCTAAATCTCCTCCTCCGTGTAGACA

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WT.seq ATCTCTGCAGCGAAACAAGCAGCAATCTCTAGTGAAGGAGAAGCAAATACGGTACAGAAA

ms-3.seq ATCTCTGCAGCGAAACAAGCAGCAATCTCTAGTGAAGGAGAAGCAAATACGGTACAGAAA

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WT.seq ATTCGCCACTGCAATTTCTAATATGGACAGCCGATGGCCGGCGAGACGGTTAGAATACGC

ms-3.seq ATTCGCCACTGCAATTTCTAATATGGACAGCCGATGGCCGGCGAGACGGTTAGAATACGC

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WT.seq AGCGGAGGTGATTGTGAAAGCATTGGAAGAGAAGAAATCAGATAAATTCAGCCATGGCGG

ms-3.seq AGCGGAGGTGATTGTGAAAGCATTGGAAGAGAAGAAATCAGATAAATTCAGCCATGGCGG

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WT.seq AAATGGAATGACTCGTCAAGATGTTCGAGATGCTGCTCGCCTTCACATCGGCGACACTGG

ms-3.seq AAATGGAATGACTCGTCAAGATGTTCGAGATGCTGCTCGCCTTCACATCGGCGACACTGG

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WT.seq ATTGCTCGATTACGTTCTAAAATCACTGAACAACGTGATCGTAGGTAACCAAATAGTTCG

ms-3.seq ATTGCTCGATTACGTTCTAAAATCACTGAACAACGTGATCGTAGGTAACCAAATAGTTCG

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WT.seq CCGTGCAGTGAATCCTAAAACACGAATTTTAGAGTACACGATTCATGAACTTAGAAATGG

ms-3.seq CCGTGCAGTGAATCCTAAAACACGAATTTTAGAGGACACGATTCATGAACTTAGAAATGG

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WT.seq CATTCAATTAACAGAAGAGCAAGAATCAACAGAAAATTCAGAACCAACCGTAACTCCTGG

ms-3.seq CATTCAATTAACAGAAGAGCAAGAATCAACAGAAAATTCAGAACCAACCGTAACTCCTGG

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WT.seq CAAAGACATTTACAACGACGTGCTATGTATATACAGAAGCATTTTCCTTGACTATCCAGA

ms-3.seq CAAAGACATTTACAACGACGTGCTATGTATATACAGAAGCATTTTCCTTGACTATCCAGA

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WT.seq ATCAGAAATGGTAGAATTAGCAACCCAGGGAGTTCTCGATAGTAAACATTTTGCTAAAGA

ms-3.seq ATCAGAAATGGTAGAATTAGCAACCCAGGGAGTTCTCGATAGTAAACATTTTGCTAAAGA

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WT.seq ATGGCCTCTTCAAGATGAAGAAGAGCATCTATTGACGTTCATTATCAAATTGATGCCGAG

ms-3.seq ATGGCCTCTTCAAGATGAAGAAGAGCATCTATTGACGTTCATTATCAAATTGATGCCGAG

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WT.seq GCTAACTTTTACACATACGGATTTAGAGTTGAAGAGTGATTTCATGCCATCCGGCGAGGT

ms-3.seq GCTAACTTTTACACATACGGATTTAGAGTTGAAGAGTGATTTCATGCCATCCGGCGAGGT

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WT.seq AGTGGTTCTTCCACTACACACAACAATCGGAGAAGTAAAAGAAGCAGCAGAAAAAGCTCT

ms-3.seq AGTGGTTCTTCCACTACACACAACAATCGGAGAAGTAAAAGAAGCAGCAGAAAAAGCTCT

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WT.seq AAGAGACACATATTACGTTACGGAACAGTTCGAGGTTTTGGCGATAGAGAATTTGGAGAA

ms-3.seq AAGAGACACATATTACGTTACGGAACAGTTCGAGGTTTTGGCGATAGAGAATTTGGAGAA

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WT.seq TTACGAAGACAGAGAGGTGATTTTTGGAGCGGTAGAATCGGGAGCAGAGTTGTTTGTGAA

ms-3.seq TTACGAAGACAGAGAGGTGATTTTTGGAGCGGTAGAATCGGGAGCAGAGTTGTTTGTGAA

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WT.seq AGGAATGGGTATTGATTTAGATACACCATTGAAGTACCAAGGAGGAGTTGGTACATGGAA

ms-3.seq AGGAATGGGTATTGATTTAGATACACCATTGAAGTACCAAGGAGGAGTTGGTACATGGAA

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WT.seq AGTTCGATGTGAGTGTGGCACCGGAGACGACGATGGCGAGAGGATGGTGGCTTGTGACAT

ms-3.seq AGTTCGATGTGAGTGTGGCACCGGAGACGACGATGGCGAGAGGATGGTGGCTTGTGACAT

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WT.seq ATGCGAGATCTGGCAGCACACTCGCTGCTGTGGAATCGACGACGCTGATAATGTGCCGTT

ms-3.seq ATGCGAGATCTGGCAGCACACTCGCTGCTGTGGAATCGACGACGCTGATAATGTGCCGTT

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WT.seq GTTGTTCGTATGCGCCGCCTGCTGCGACTCGCTTGGACAATTAAAAATTTGAATGGAATT

ms-3.seq GTTGTTCGTATGCGCCGCCTGCTGCGACTCGCTTGGACAATTAAAAATTTGAATGGAATT

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WT.seq TTGTTTGTATGCGCCGTTGTTCGGGTGATGACTTCATTGACTAAACTTTTTGTTTGTAAT

ms-3.seq TTGTTTGTATGCGCCGTTGTTCGGGTGATGACTTCATTGACTAAACTTTTTGTTTGTAAT

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WT.seq TACATTACATATGCATCTTCCCTCAACAATTAAAAAATGAGGCATTGGTTTCTATATCCT

ms-3.seq TACATTACATATGCATCTTCCCTCAACAATTAAAAAATGAGGCATTGGTTTCTATATCCT

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