

# Selection of Reference Genes for Expression Normalization by RT-qPCR in *Dracocephalum moldavica* L.

Table S1 The gene sequences of 12 candidate reference genes of *D. moldavica*

| Gene name       | Gene ID | Gene sequence  | Sequence ID    |
|-----------------|---------|--|----------------|
| <i>18S rRNA</i> | c100609 | AAAAAAATTAGCCGCAACCAAAAAGCTCTGTTTTCTTCAATCAC<br>ACACAAACGAATTGCTAAAGGTGAGCGACGAAAACATAGACATG<br>GGTCACAACAAGCAGCAGAAAACAGCGGCGAATCAAGAAAGAAG<br>ACCACCGCCACGGACAGTCTCATCAGCTCGACAGGAAGTGCGAT<br>GGAGAGTCTTTGCCGATTGACCCAGCAGCTGGAGAGGAACAGGA<br>GCACAACGTTCCCGCCGTTGAGCTCGCCATGTGGGATTTGGGCA<br>GTGTGATGCAAAGAGGTGCACAGGGCGCAAGCTTGCGAGATTG<br>GATTGTTAAAAGAAATGCGGGTTGGTAGTGGATTTGGAGGAATTG<br>CTTTGAGTCCCATTGGAACACAATGCGTCTCCCAAGCAGATCTTG<br>AATTAATAAAAAGGCGAGGTTTAGCTGTTGTTGATTGCTCATGGG<br>CACGCCTAGATGATGTGCCTTTCTCCAAGCTGCGCTGTGCTGCTC<br>CTCGTCTTTTACCTTGGCTGGTAGCAGCAATCCCGTAAATTATGG<br>CCGGCCTTGTGAGCTTTCATGCGTTGAGGCGCTAGCTGCAGCTTT<br>GATAATATGTGGAGAAGAAGAACTGGAAATCTATTACTAGCAA<br>ATTCAAGTGGGGTCATGCTTTCTTGTCACTGAACGGAGAGCTTCT<br>CAAGGCGTACTCTGAATGCAAGAACGGTGCTGACATGATTGTCGT<br>TCAAAACGAGTGGCTTTCACAGCAAAAGTCACAACCCTCGGATG<br>ACCTCAATAAAAGTACAAGGAGAGCCTTCTGGATCTAATAAAGACG<br>AAGATGGATCTTCCAGTGGATCTGAAGACGGGCTCCCTCCGCTTG<br>AAAGGAACATAAATCACTTGTATTTAGAGGAAAGTGGTGAGGAA<br>AGCGAGTGAATACTTTATACTGCCTCTAAGAGGTGTTATCAACTG<br>GAACAAATATGATCGATAATTTTCGAGGAAAAGAGTTTTTGAGTT<br>TTAACCCCTGAGCTTGCCTCAATGCGTTCTTTCTACTCTTATGCCT<br>AGTAAATAAGGGCAATCGGACCAGCATGAGAAGTAAGATCTGTTT<br>TCGTGGGACCACCAACCCGAATCTCGTCACTAGGCGTGATCACC<br>AGAATCCAATGTGAGGATTAGGGCTGATCCATCCGTGCACGTGGT<br>TGTCTTGTGTGCACACGAGTATTGATACTTGTCTGTCACCTAGAT<br>CATAATAAAAATTCAAACACGGTTATTCTATAGGACTGACCCGAA<br>ACAGAAATGGT | XM_057927769.1 |
| <i>ACTIN</i>    | c110032 | GTGAATTCCAGCAGCTTCCATTCCGATCATTGATGGCTGGAAGAG<br>GACCTCAGGGCAACGGAATCTCTCGGCACCAATAGTTATGACCTG<br>TCCATCGGGAAGTTCGTAGTTCTTCTCCACAGCAGAGCTGGTCTT<br>TGCCGTCTCGATCTCTTGCTCGTAGTCCAAAGCAATGTAGGCCAG<br>CTTCTCTTAATGTCTCTCACAATTTCCCGCTCGGCAGTGGTGGTG<br>AATGAGTAGCCTCTTTCTGTCAAGATCTTCATGAGGTGGTCGGTC   | XM_057912742.1 |

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|              |         | AGATCACGCCCAGCCAGATCGAGACGGAGGATTGCATGAGGGAG<br>TGCATAACCTTCGTAGATTGGGACTGTATGGCTGACACCATCACCA<br>GAGTCGAGAACAATACCTACAAGCAATAGCACAAACAAACATC<br>AATTCATGATGAAAACCTAGTAATGGAACCTAGTCTAGATACCT<br>TTTTTACTGATATGAGTCCAATACATCTAGTTATCTACAGTTTCAA<br>TTCTACACAATCGTGATCGTAATAGGCTTCTCAGTATATGGTGTTT<br>ACTATCATTAATAAAAAATACAATACTGCACTAAGACCGGTTATGCC<br>ACAGCAAGATTACTATGGTTATTCGAACAGAAATAATACACGAAT<br>CAAGAAAAACGTAAAATAGTTTGGCATTTTCTTACCAGTTGTACG<br>ACCACTGGCGTAAAGGGAGAGAACGGCCTGAATGGCAACATACA<br>TAGCAGGGGCGTTGAATGTCTCGAACATGATCTGAGTCATTTTTT<br>CACGATTGGCCTTGGGGTTGAGAGGAGCCTCTGTCAAGAGAATC<br>GGGTGCTCTTCTGGGGCCACACGAAGCTCGTTGTAGAATGTGTGA<br>TGCCAAATCTTCTCCATATCATCCAGTTGCTGACGATTCCGTGCT<br>CAATTGGGTACTTCAACGTCAAAAATACCTCTCTTGGATTGAGCTTC<br>GTCACCAACATAGGCATCTTTTGGCCCATGCCAACCATCACACC<br>AGTGTGACGAGGGCGCCCAACAATGCTAGGAAAGACAGCCCTCG<br>GGGCATCGTCTCCAGCAAATCCAGCCTTGACCATTCGGTTCCAT<br>TGTCGCAGACGAGGGGCTGAATATCCTCAGCTTCGGCCATTCTT<br>AATTGCTCTTTGAAGTTTGTGAAAACGGGTGTCGCCCTTCT<br>CGCTCTAGCTTGAGTTTCTCTCTCCAGTAATAGGAAAAACCTCTGT<br>TTTCCCTTGTCGGAAGTGCCGCCCTCTCG |                |
| <i>HIS4</i>  | c103664 | GAACAAATACATCGAAGAATCCAATTTTACCTCAATTCTCAAAT<br>TTCAGCTCAAGAGAGAGAAAAATGTCTGGAAGAGGAAAGGGAGG<br>CAAGGGATTGGGAAAGGGCGGAGCTAAGCGTCACCGGAAAGTG<br>CTGAGAGACAACATCCAGGGCATCACGAAGCCGGCGATTGCGCG<br>TCTCGCTCGCCGTGGCGGCGTCAAGCGCATCAGCGGCCTCATTTA<br>CGAGGAGACTCGCGGCGTGCTCAAGATCTTCTCGAGAACGTCAT<br>CCGTGACGCCGTACCTACACGGAGCACGCTCGCCGAAAAACGG<br>TGACCGCCATGGATGTGGTGTATGCGCTGAAGAGGCAGGGCCGTA<br>CCCTCTACGGTTTCGGCGGCTGAGATCTTAGATTGGTTGTATATGG<br>CCTATCGGTAGAAATTAGGGCTTTTTTTTTTAGTATTTTGGTATTTGG<br>ATTTTGGTAGGTTGTGTTTTGTGTTTACTGGTGCGATCTATCTCAG<br>ATTCAATTGAAATTGGATGATTCATATTTCTCTCGATTTTACTAAAT<br>TTTTGTCTCAGTGTTTTATTTGCCAACCTCTTAGTTCATCTCCATT<br>GTGATTGAATTAAAGCAATGAAACCGTCTTCGTTTAGTCGAATTGT<br>GAATTCGGTA  | XM_057929079.1 |
| <i>HSP70</i> | c112390 | TGATGAGTCGAAGCAGGTTTCGTATAAGGTGGTGAAGGATGATAT<br>TGGGAATGTCAAGGTGGAGTGCCCTGCTACTGGGAATTTGTTTGC<br>TCCCAGGAGATTTCTGCGCAGGTCTTGCGAAAACCTGTAGATGA<br>TGCTCGAAATCTTGAACGATAAGGTCACGAAAGCGGTATTAC<br>AGTGCCAGCCTATTTAATGATTCACAGAGAACTGCAACGAAAGA<br>TGCTGGTCTGATAGCTGGCTTGATGTTCTTCGCATTATAAATGAG<br>CCCACAGCTGCTTCTTTGGCTTATGGTTTCGAGAAGAAAAGTAAT   | XM_057937588.1 |

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|                    |         | <p>GAAACCATCTAGTTTTTGATTTAGGAGGTGGCACATTTGATGTTT<br/> CAGTTCTTGAGGTCGGAGATGGAGTTTTTGAGGTGCTTTCCACCT<br/> CAGGTGACACACATCTGGGTGGTATGACTTCGATAAGAGAATTG<br/> TCGATTGGCTAGCCGATAGTTTCAAGAGAGACGAAGGCATTGATC<br/> TCCTCAAGGACAAGCAGGCGCTCCAACGGCTTACTGAATCTGCTG<br/> AGAAGGCAAAGATCGAATTGTCTTCTCTAACTCAAATAATATAA<br/> GTTTGCCATTCATCACTGCTACTGCTGATGGTCCTAAACATATCGA<br/> GACAACATTAACGAGAGCTAAATTCGAAGACTTATGCTCCGACTT<br/> ACTAGACAGGCTTAAACTCCTGTCAAACTGCCTTAGATGATGC<br/> TAAGCTTTCGATCAAGGAGATAGACGAAGTGATTCTTGTTGGTGG<br/> CTCGACTCGAATCCCTTCTGTCCAAGATCTCGTCAGGAAGATGAT<br/> CGGGAAAGATCCTAATGTTACTGTCAATCCAGATGAGGTCGTTGC<br/> ACTTGAGCTGCAGTTCAGGCTGGTGTGTTTGCGGGTGATGTGAG<br/> CGATATCGTGCTCTTGACGTGACTCCTTTATCGCTAGGCTTAGAA<br/> ACTTTGGGAGGGGTGATGACGAAGATCATAACCAAGAAACACGAC<br/> GCTGCCAACCTCAAAGTCGGAGGTCTTCTCCACAGCCGCGGACG<br/> GGCAAACAAGCGTGGAGATCAACGTGTTGCAAGGTGAGAGAGA<br/> ATTTGTAAGAGACAACAAATCATTAGGAAGCTTCCGTTTGATGG<br/> CATCCCGCTGCTCCCCGTGGCGTCCCTCAGATAGAGGTGAAGTT<br/> CGACATAGACGCCAACGGCATCCTCTCCGTACAGCTATCGACAA<br/> AGGAACAGGAAAGAAGCAAGACATCACGATAACTGGTGCCAGCA<br/> CATTGCCTCAAGATGAGGTGGATAGGATGGTAAAAGATGCCGAGA<br/> GATACGCGAAGGAAGACAAGGAGAGGAGAGAAGCCATTGACAC<br/> GAAGAATCAAGCAGAGTCAGTCGTATATCAGACAGAGAAGCAGT<br/> TGAAGGAGCTCGGCGATAAAGCGCCGGCTGCGGTGAAAGAGAA<br/> GGTGGAGAGTAACTGACAGAATTAAGATTCTCTCTCTAATGG<br/> ATCAACTCAAGCCATCAAGGATGCCATGGCAGCACTCAACCAAG<br/> AAGTGATGCAATTAGGGCAATCTTTGTACAGCCAGCCGGGAGCAG<br/> CGGCCGATGCTGGAGCTGCCACGTGCGGCGGGTCGAACTCGACT<br/> GGTAAATCGGACGGAGACGGAGAAGTCATTGATGCTGATTTCACT<br/> GACAGCAGCTGATTATGCTTGTTGAGACAATGTGATGATTTTGTGG<br/> GAGATTATGTTAGATAAGCC</p> |                |  |
| 28S<br><i>rRNA</i> | c117403 | <p>GGCTACTTAAAAAATTGAAACATAAGGGAAAAAAGTATACAGAT<br/> CGAATATCAAAATTTTGGGAGATTTTAAAAATTAATGGTTAGTGAG<br/> AGCTTTTAAATCGTGTGTAAGGCTGCAATTAAGGAGTCTGGCCA<br/> CGAAAAAGTTGAGAGGTTTCTACTACGCTTATTCTGAAAAATCGT<br/> GCTGCTGTGCTTTCCGAACGAACAGAGCAATGAAAAATCCTTCTT<br/> TATCTTCTACCAAATCCGTCCGCAACAGATGTTGAGGCCATCAA<br/> ACGTGGGGAGACCGCGACGAGGCCATTGGGGAAAGGATGTCGTG<br/> AGTTCGAAGCCATGAGATGATGCGAGATTTAGAACAGAGTTGACA<br/> ACATCTTCATTCTCAATTTGATGTATTGAACACGTAAGTAAACGA<br/> TTCTCTCCACTGCTGGAAAAGATAGTGCATGTTCAAGGACCTTCT<br/> TCTGGAATGCAGCAAGCCCACGAAGCCGCTTTGCGTCAACATGA<br/> CCGGACTGGCCTGCACTATGTGATGGAAGTAGATGGTCTAATCTCT</p>   | XM_057943758.1 |  |

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CGAGAGCAGTCCCAGATCCAGAACATGAAGGATCCAAGAGTATA  
GCCCCAACCTTTGAATGTGAGGGGTCGGTAGGATCAAGGTTTAAAG  
AAGTCTTCATGCTTAACCTTCACATTCGTTGCGCCGGCCAGTTTGA  
CATTATTTTTCAAGCGCTCGACTCTTTCCTTGTTAAGTTCGCAGGC  
TATAATCTTCCCTTGCCCATCATAAGAGCAGCAAGGTGGACAGTT  
TTGTTTCCAGGAGCTGCACAAGCATCAATGACCTCCCAATCAGGT  
TTAGGATCAAGAGCTGCTGCAGCCATGGAGCTTGCTTTACCTGTC  
AGGAAAACACTTCCACTTATGACTAGAGGATGATTGTGTAAATCA  
GCACCTGGTGGGAGGATTAGTAAATCAGGGACTGTGTTGTCTTCC  
TTGACCGCATACTGTTGTCTAATTCACGTATGACAGATTCAGTGT  
CGGTCTTTAAAGTATTACTCGAACGTAACGAGGTTTCCTATCAGA  
AGTTTTATCAAGAGCCATCAAGTCTTTTACATCGTTCAGTCCCTTG  
CGCTTTAAATCCGTGATAGAGCCGATTGCAATGCGTCCTTTTTTA  
ACATCAGATGCTTTTCAGCATCACCAGTTAATAAATCTTCTGTCC  
AAAAAGTAAATCATATGTGATGATATACAATAGCTCGTTCTGCTTC  
TTCCACTTAGCACTTACAACATCTGCCTCCTCCATAACCTCCTTAA  
TAACAGAGAGATGCTTGAGAGTTTCGCAAACCAGAGCAAATGTA  
GCCTTCTGTTCTGATGGAAGGGCTGTAAACGAGCGACTTAATC  
GAGCCGACGGCTTTCCGCCGAGCATCGCCGTGAAGTGCGCTGCG  
CAACACCTTAGCGGCTTCTCTCCGTGCGAAGTAAGCCGACCTTTC  
GGCGTTGCTACGCCGCTTACCTCCGGCTTCTGCTCCTCCCCGC  
AGATGAGTTAGCCGTAACCGGCTTCTCCGCGCCATATCTCGCTGT  
TTGATTGTGCGGGTTTAGGGTTTTGATTTTTTCTT

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CCTGCATCAAGAAAATTTCTGCAAACCTGCATCAAAAGTTGCCTT  
ACCAATCAAAAGATGATCAAGCAGTGAAAAAGTTAAAGAGCTAT  
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TTTCATGAAATTATAATCTTGTAATGATTCTTTAGTAGATGAAAAA  
AACTCTTTTGAGTAGATGTAAACAATAAAAGTATTTACATAAAA  
TAGAGATACAGATACTCATTGAATTAAGTACTTTCTAGAGTAAGAT  
TAGGGAAAATAAACTTATTAACACTTATTTCCCATTTAATCCAT  
GCAAACCGACTATCCTACAGTGATGTAAACGGTGAGGAATCCGCA  
GCCAGCATCACAGCAGACCAACCTGACCGTTGGTCGTGTAGAAG  
CAAGATCCAACGGCTGGATTTCGAGGAAACAGCTTCATGACAGT  
AGGGGCAATCCCGTTGATATAGGCAGTTTAAAGTGGCAGTTTGA  
CATTTCAGAAGTAAACGGAGCGCATCCAATATATAATCATTGGTTG  
ACAATTCTCAATCCTCCTCCCGAAAATTGTACTATTAGTATCTCGC  
GTTGTTCTCAGGCAGTCCACATTTCTCTCTCTCGCGCCAGCAGG  
AAACTTCCTTTCTCTCTCTAGCGTCTCTCAAATCTACCGTTCTAA  
GAGATCAAAAGTCAGAAAGGAAATGGGGTTGACATTCACAAAAGC  
TCTTCAGCCGGCTTTTTGCCAAGAAGGAGATGCGTATTTTGATGG  
TTGGTCTTGATGCTGCTGGTAAGACCACCATCTGTACAAGCTCA  
AGCTCGGAGAGATAGTTACTACTATTCCTACCATTGGATTCAATGT  
GGAGACTGTTGAATACAAGAACATTAGCTTCACTGTTTGGGATGT  
TGGGGGTCAGGACAAGATCCGCCCATGTGGAGGCACTACTTCCA

ARF c111206

XM\_057955006.1

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|-----|---------|--|------------|
|     |         | AAACACTCAGGGTCTCATATTCGTGGTGGATAGCAATGATAGGGA<br>CCGTGTTGTTGAGGCAAGGGATGAATTGCATAGGATGTTGAATGA<br>GGTAATAATCTATTCTGTACTCTGTTTCATGTATCAGAACATTATTTAT<br>CATTCAGGACAAGTCATGTAAAGTTTTGGTGCTCTAGGAAATGCT<br>CTCATAAATATTATACTTCATAATTTGTTGGGGCTTTCATGTTATTCA<br>GGGAGTGCCTTTTGAAAGTCTTGCAGCATACACTATTCTATATATT<br>CTCTACTTATCATAATTAGCAATATAGAGCAATATGCAATAAATTTG<br>AACTTTGTAATGTCTCCTTTACTGATTGATCAGACTGACCGTTTGC<br>TCCATGAGTATATGCACCTCTAGTTTCATTGGTGGTTGACAGGAGT<br>GAGTGATAATATCCATACGATTTTGTCTTTAATCTAGAATGATTAA<br>TTGTTTGTGCCTCTTTGAGTAGCCTG  |            |
| CAC | c100772 | GTAGTATACGAAAAAAGCAGTTCGCTGACTGAAGAATTTGCAT<br>TTGAATTCAATTCGATCGCAACAAATCTGTTCAACGGAGCAGATC<br>TCGTTTCTCATCTGACTCGATCGGAGCTCCGGCGAGATCTCAGCC<br>ATGCCGGTGGCGGCTTCCGCTATTTACTTCCTTAATCTTCGCGGCG<br>ATGTCCTCATCAATCGCCTCTACCGCGACGACGTCGGTGGCAACA<br>TGGTGGATGCTTTCCGAGTCCATATCATGCAAAACAAAGGAACTTG<br>GAACCTGTCCTGTCCGGCAGATTGGGGGATGCTCATTCTTTACAT<br>GAGAATTAGCAATGTCTATATCGTGATTGTCGTAAGCAGCAATGCA<br>AATGTTGCTTGTGCATTCAAGTTTGTGTTGAGGCTGTCACACTAT<br>TTAAGTCATATTTTGGTGGATCGTTTGATGAGGATGCCATTCGCAA<br>TAATTTGTTCTGATATATGAACTGTTGGATGAAATTATGGATTTTG<br>GTTATCCTCAAAATCTTCTCCTGAAATCTTGAAGCTGTATATACT<br>CAGGAAGGCGTACGCTCTCCTTTTTTCATCCAAGACTGCTGATAAG<br>CCAGTTCCAAATGCAACTTTACAAGTTACTGGTGCTGTTGGGTGG<br>CGCAGAGAGGGCCTTGCATATAAGAAAAATGAGGTATTTCTTGAT<br>ATTGTGGAGAGTGTCAATCTTCTTATGTCTTCAAAAGGTAGTGTT<br>TTCGCTGTGATGTAAGTGGGAAGATTCTTATGAAATGCTTCCTTTC<br>TGGTATGCCTGATTGAAAGTTGGGATTAAATGATAAAATCGGGCTC<br>GAGAAAGAATCACAGCTCAAATCCCGTCCTGCTAAAAGTGAAAA<br>GACTATTGAGCTTGATGATGTCACTTCCATCAATGTGTGAACCTT<br>ACTAGATTCAATTCGGAAGAAAGACTGTTAGTTTTGTTCTCCAGATG<br>GTGAATTTGAATTAATGAAGTATCGTATTACGGAGGGAGTTAATCT<br>TCCATTTCCGGTCTCTCCCAACTATCAAGGAACTGGGTGCAACACG<br>TATGGAAGTAAATGTAAAGGTGAAGAGTGTCTTCGGGGCAAAAAT<br>GTTTGCACCTTGGCGTGGTTATTAAGATTCCAGTTCCAAAACAAAC<br>AGCAAAAAGTAGTTTTTCAGGTGACATCAGGCAGGGCAAGTACA<br>GTCCTTCTATTGACTGTTTGGTTTGGAAAGATAAGAAAATTTCCAGG<br>GCAAACTGAGCCAACATTGAGTGCTGAAGTAGAGCTAATATCCAC<br>AATGACTGAAAAGAAGTCTTGACGCGGCCTCCAATTCAGATGG<br>AATTCAGGTTCTATGTTTACAGCATCTGGATTGCGTGTTGTTT<br>CCTGAAGGTATGGGAAAAAAGTGGCTACAACACCGTTGAATGGG<br>TTCGTTACATTACAAAAGCTGGTTCATATGAAGTTAGATGCTAAGA<br>TAAATACAAGAGTTGTAATGGCATGTTTGGGAGAAGACAACCTAG | MF621044.1 |

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|-------------|---------|---|----------------|
|             |         | <p>GCAAAGTACAAGGAAATATTTTCGATATACATGGACCAACGAAGT</p> <p>TTTCTATCTGCAAGATGTATTCTTTAAGATCAAGACTATTCGGTGA</p> <p>AACAAGAAGAAAGACAGGTAATGAGTCCGTGTTGTTACAGCGG</p> <p>CCGTGTGTACTCGTACAGACTCATTGTTCATTGAAGTTGTTTG</p> <p>CAAAACTTTATTGTATAGTGTAGGCCACATAATTAGGTATGAAATT</p> <p>GTATTATGTATTTTGGAGATTTGTTAGATGATTGGAACGTGGAG</p> <p>TTGTCGTTCTATTGATTGTGC</p>   |                |
| <i>EF1α</i> | c118069 | <p>CCGACAAAACTTGATATATCATAAAATGATAAAATCAGACAAAA</p> <p>GTCATATACTGACGCCACCGGCGATCCAGAACCAAGTCTGGGAG</p> <p>CCAAATTCGCACGACAAAGACCAACAAACACGAAATGCAGAAA</p> <p>GAAATAAGTAGTTTTTCTTGCAGAAATAGTAAACAAACAGAAAGA</p> <p>TAATTCTATCATTTCACCTTGACCCCCTTCTTGGCTGCTGCCTTGGTC</p> <p>ACCTTGGCACCTGATGGGTCCTTCTTCCACACTCTTGATCACAC</p> <p>CAACAGCAACCGTCTGACGCATGTCACGAACAGCAAACCTTCCA</p> <p>AGAGGAGGGTACTGCGAGAAGGTCTCCACCACCATGGGCTTGGT</p> <p>TGGGGTCATCTTCACCATAACCAGCATCTCCGTTCTTCAGGAACCTG</p> <p>GGTTCCTTCTCGAGCTCCTTACCCGATCGCTGTCGATCTTGGTCA</p> <p>AGATCTCAGTGAACCTTGACTGCAATGTGGGAGGTGTGGCAATCG</p> <p>AGAACTGGGGCGTATCCGTTTCCAATCTGGCCGGGGTGGTTCATG</p> <p>ATGATGACCTGGGAGGTGAAGTTGGCAGCTTCCTTGGCGGGATCA</p> <p>TCCTTGGAGTTGGATGCAACATAACCACGCTTCAGATCCTTAACA</p> <p>GCAACGTTCTTCACGTTGAACCCACATTGTCACCAGGAAGAGC</p> <p>CTCCTGCAGGGCCTCGTGGTGCATCTCCACTGACTTAACCTCAGT</p> <p>GGTCAAACCAGATGGGGCAAAAGTGACCACCATTCCAGGCTTAA</p> <p>TCATACCGGTCTCAACACGACCTACAGGCACAGTACCAATACCAC</p> <p>CGATCTTGTAACATCCTGCAGTGGGAGACGGAGGGGGCTTGTCGG</p> <p>ATGGCCTCTTTGGCTCTGAAATGGCATCAAGTGCCTCCAGCAGGG</p> <p>TTGGGCCCTTGTACCAGTCGAGGTTGGTGGACCTCTCAATCATGT</p> <p>TGTCTCCCTCAAATCCAGAAATGGGGACGAATGGGATCTTCTCAG</p> <p>GATTGTATCCAACCTTCTTGAGGTACGAAGCCACTTCCTTAATGAT</p> <p>TTCATCGTACCTAGCCTTGAGATATTTGGTGTGGTGGCATCCATC</p> <p>TTGTTGCAGCAGCAAATCATCTGCTTGACTCCAAGAGTGAAAGCA</p> <p>AGCAACGCATGCTCACGGGTCTGACCGTCTTTGGAGATACCAGCC</p> <p>TCAAAACCACCAGTGGTGGAGTCAATGATGAGAACAGCACAGTC</p> <p>AGCCTGTGAGGTACCAGTAATCATGTTCTTGATGAAATCACGATGT</p> <p>CCAGGAGCATCAATGACTGTGCAGTAGTACTTGGTGGTCTCGAAT</p> <p>TTCCACAAGGCAATATCAATGGTGATACCACGCTCGCGCTCAGCC</p> <p>TTCAGTTTGTGAGCACCCATGCATATTTGAACGACCTCTTGTTC</p> <p>TCTCAGCAGCCTCCTTCTCGAACCTCTCGATGACACGCTTGTC</p> <p>TACCACCAAGCTTGTAATCAAGTGACCGGTGGTGGTAGACTTTC</p> <p>CAGAGTCGACATGGCCAATGACCACGATACTGATATGAATCTTCTC</p> <p>TTTACCCATATCTCAGCAGTGAAAAGGTATTAATTCTTCAAAAAGT</p> <p>AGATCGAGAGATAAGTAGGGAAGGAGAGACGAAAGGCCT</p> | XM_057926709.1 |

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|              |         | GGGCATTGAAGGAAGGAAAATCGAAAGAAGGCCATAACAAACAC<br>ACGATTAATAAAACAAAACCTCAATAACAAATTCAGTCTTCAACAT<br>AACATAATTAAGAAGACAGTGCCAACACTTGAAAACAAGAAAGC<br>AATACGATAGTACGAATACTTTATTTAAAAGTAGTAAAGGAAACAC<br>ACAAGCTACTCCTTTTCTTCTCCTCGTCCTCATCATCGTCTCTGA<br>AACATTTTCAGAGTGGACCTCGGAGATCCACAGGTCGCAGCTCCC<br>CTCACAAACTTCTGGTAGGAAATAGCACCACCAGCACCAGCTCC<br>TCAACGCTCCTCTCTCCACCATCATAACATTTCAAATCCAGCGAGC<br>AGATCTCATCATATAACTCAGCACCACACTGCGCATGCACAGACA<br>CAGAAAACCTCATTTGGTTTCGAAACAGGTCAAGACCCTCTCGACC<br>AGAGCACGCAGATTACAGCTTTCAAATCATAACCAGCAGCTTCA<br>AAGCTCGCATAACTGAAACCATCTTCTGGAGTAACATGAATAGTA<br>GACACAGCAGCTCCTTCAATTGCGTTCATGGAGTATCCGCAAGGC<br>TCAAACCTCAAAGTCGCAGATGCGAGACTTTGGGAGGATGTTGCG<br>TATACCGGAGGCGTTGGTCATCAGTGTGCAACATTTGATTGTTT<br>TTGAAGAAGACAGCAGCTTTCTCACGGTCCAATCCAGTCATGCAC<br>ATCTCGAGTGTGTACACAGGAATATCAGCTTCGACTGATCCAGCA<br>GATGCAGAATAGATATGCCATTTCTGCTGCTTATCAGAGTCTCCCA<br>TAACATAGGCTTTGCTTCCACTTGAACCAAGCTTGCCAAAATAGC<br>CATCAAGTACGGCCACCTCCTCAGAGAAGTTACGATGAGGGAATG<br>ATTGAGCTCCTGGAAAGATAAACTTCCTCGTGTGTATCTCACATC<br>CTCAACAGAAAGGGAAAGGAGCTTGGCCAACTTAAGTATGGGAG<br>GGATTGACAGAAGCAATTTAGTTGTTCCACAAGTTTTGATGATAAT<br>CTTGTAGGAGTAAACAAAGAGGCTGGACTCAGAGAGGACATATG<br>AGTCGACATGCTCATTTGACAACGAAGCAACAATGGTGCATTGAG<br>CAGGTTGTAAATTTTCTAGTTGGGCTTTTGAAAGAGAACGGA<br>GTCCCTTACCCTCAGGATCAGCAAAGAAGCTTGGTTCAAAAAAC<br>GAGATTTCTAGTCTTTTTTCAAACCTTCAAACCAATTGCAGAG<br>ACGTTTTGAGCCATTTTGCAAGAAGAAATTCAGACACCACTAGAG<br>AGCAGAAATGAAGGCGAGATTGAAGAAAAGGAGTTTTGAGTAAA<br>AATAAACTAATCTAATTAATAAATAAAGCAGTAAATACGTCAAA<br>TGACGCGATTCCAGAAACAATTAACGAATATCAGGATGGCTTGCG<br>AGCGCAGTT |                |
| <i>SAMDC</i> | c102943 |  | XM_057909663.1 |
|              |         | GGAAATACTAACCGCACCTATTACCTCACATTCCACACACACCTT<br>TCTCACTCTTTCTCTCTCTCTCTCTCGACTCCTGCTCCTCCACT<br>CCACTTTCCTTATACTCTACAAACACAAATGGCCAAGATTAAG<br>ATCGGAATCAACGGTTTTTGGTAGAATTGGCCGTCTGGTTGCTAGA<br>GTTGCTCTTCAGAGAGACGATGTTGAGCTCGTTGCTGTCAACGAT<br>CCATTTCATCACTGACTACATGACCTATATGTTCAAGTATGACA<br>GTGTCCACGGCCAGTGAAGCACCATGAGCTCAAGGTTAAGGAT<br>GAGAAAACCTTCTCTTTGGTGAGAAGTCTGTTACTGTTTTTGGC<br>TTTAGAAACCTGAAGAGATTCCGTGGGCTGAGACTGGTGCAGA<br>ATACATTGTGGAGTCTACAGGTGTTTTCACTGACAAGGATAAGGC<br>TGCAGCCCATCTGAAGGGTGGTGCAAAGAAGGTTATCATTCTGC   |                |
| <i>GAPDH</i> | c118460 |  | KF234408.1     |

|              |         |  |                |
|--------------|---------|--|----------------|
|              |         | <p> TCCAAGTAAGGATGCACCCATGTTTGTGTTGGTGTCAATGAGAA<br/> GTCGTACACGTCAGATCTCAATATTGTTTCTAATGCTAGCTGTACC<br/> ACAAACTGCCTTGCTCCATTGGCAAAGGTTATTAACGATAGGTTT<br/> GGTATTGTTGAGGGTCTTATGACAACAGTCCACTCTATGACTGCA<br/> ACACAAAAGACTGTTGATGGACCATCTTCCAAGGACTGGAGGGG<br/> TGGAAGAGCTGCATCATTCAACATCATCCCAAGTAGCACTGGTGC<br/> AGCTAAGGCTGTTGGCAAAGTTCTCCCTGCTCTGAATGGAAAATT<br/> GACTGGAATGGCATTCCGTGTCCCAACAGTTGATGTTTCTGTGGT<br/> TGATCTCACTGTGAGGTTAGAGAAGGAAGCTACTTATGAAGAAAT<br/> CAAAGCAGCAATCAAGGAGGAGTCTGAGGGGAAGATGAAGGGA<br/> ATCTTAGGCTACACTGAAGATGATGTTGTGTCTACTGATTTTGTG<br/> GTGATAACAGGTCAAGTATCTTTGATGCCAAGGCTGGAATTGCTC<br/> TGAGTAAGAATTTGTCAAGCTGTTTCGTGGTACGACAACGAAT<br/> GGGGTTACAGTACCCGTGTGGTTGATTTGATCAAGCACATTGCCG<br/> CCACTAAGTAACTTGGTATGGCTTGCTATAATCATCTAGGGTTCAC<br/> ATCTGCTATGGTGGTTATGTGGAATTTGAGTTGGAATAAATTGTTG<br/> TCTTTCGAACTAAATACTAGATGTGTGGCTTGTTGTAGCATGCGTT<br/> TTCTGGTAGATCTGTGGGATGTTGACTACTCCTATATTCTGAAGAA<br/> TTTTGTGTTGAATGGTGAATGTTAGAGTAGTTAATGTGTAGTAGTT<br/> TGTAATAAAAGTATTGATTTCTGGCCTTTGCATTGTCGAAGGTGAA<br/> ATCCTTGAATAATTGATGGACTGAATGGTTCTTGTGACCCCTTGCG<br/> TAGTCCGAGAAGGCATTTTCTAAGAATGGTTTGGCTGTTAGTGTTT<br/> GGAGTGATCCAGATATTTGCAAGTTGTTGGTCATTCCAACTTTTTG<br/> ATATCCCTTGATCTACTTTGTGGATGGTGGTTGGGCGGCAGGCA<br/> AGTATCTTTTCATAACTTCTACTCTCTGTCTCATCACAGTTGTCT<br/> TGTTTTCATTTTCGGGACGTCTCACGCAAGTTGTCCTATTTCCTTT<br/> GCAGGAAATAATTTTGCATTACACTTGTTTTTACCTTTTATAGATT<br/> TGCAATCACACTTGCTTTTTCAATAAAATACCTCACTAAAAACACA<br/> TCTACTATTTTCTTATTTGACGTGCAAAACACAATTAGGACAAC<br/> TGTGGCGAGACGGAGGGAGTTTATAATTTATAGGTAGGTATAGGT<br/> CCACTCATGTGAGTATTAGGTCTGCTTTTTTATGTGAACTGGCAAG<br/> TGGGGCACAGAGCCGTGTTTTTGGTTTTACTTGTGCAGTTTTTGT<br/> ATTCCAAGTCCCTATTCAATAGATATGTTACATTTGAGAATATTCA<br/> ACACCTCGGAGATGTTATTGAGGGAATAGATAGAGATTGGGGTGA<br/> ATAGGATTGATTCAATGGCAATTTGCAGTCATTTCTCCTTTCAC<br/> AGCCCATTTACTTATACCTGTCCTATCTTTTACGTCTTTTTTTTTTTT<br/> TTTTTA </p> |                |
| <i>eIF4a</i> | c118665 | <p> GAGAAAATCAATTAAAGTGTTAAACCAACATGTCGATTAAAATG<br/> TAAATGGAATAATTAAAGAGATTATTAGATAAAAGTTAATATAAATA<br/> TTCAAAGCTGAAAAACAAATCTATATTGCAAACATTGTTGATTGT<br/> TCGCATATCTCTCTCTCTAAGTTGGAAGAAAATCAAGAAATGG<br/> ATGCTTCTGAATCTCCTCAGTCCACTCCTCCCTCTCCGCCCTCCAC<br/> TCTAAGTACACAACGCCATTCTACCTTGCTGTTGACAGACTCCA<br/> ATTCAAGATGGAAACGCTGTTAGGTCTTCTAGGCATGGCTGGGAA </p>  | XR_006052213.1 |



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GCGTCCTTGTCTTCCTATGGTCGTGTGTTGCAGCACTCGCGACGA  
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TGAGAAGAGGGGAGGAAGCTGAGAGTGAGGCAGATGAGGAGCG  
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GGATCTGTTGAGTTGCCTCTTTGTGCTTGCATGTTGATCAACTATG  
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CAATAATATAACCTTGTATGTATCTATTGTGAGAAATATAATGCTTG  
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AGCATCACATGTCTATTCCTTTCACCAGTCCCTCATATCCAACTT  
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AACCCTGCACATGTCAATATACTAAGAGGTCTTCTCCCTTTAT  
CTGTTTGGCATGCAAGCCAAAAGATCTGGAGGTGCACTTTTGGCC  
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|  |                    |  |  |  |
|--|--------------------|--|--|--|
| <div>AGTCTTGATACCATTTACATTGCTGCCAAAGAATGGCCCATGCTTC<br/>ATATGAGTTGTTTCTGCATCATATGAAGGGATGGTAGGGGACCAG<br/>GATTTATTTTAGATTTTTAGGACAGAAAGTTGATTATGTAATGCTTTT<br/>AGGGTGAAACTTTTAATAGGCCCACTTCGAGTCCCGTTGTTTGAA<br/>TGTGTTGCATGTTCTTCAACAGGAAATTAGGTCCAGCTCTAGGTC<br/>CCCACAGATGGATGAAATGTTGCTTTTCTGAAGCTCATATAGGGAT<br/>TATGAGTAATAATTTCCAGTTGCTTATGGCTTTAGGTCACTCATATT<br/>TTATCCATTTAGGGTAGATAATTATCTCCTCGGCATTGTGGTCTG<br/>GCTCAGTGATTTTTAGGTGGCTTGTGTCTGAATCGCATCCACTAG<br/>ATAATTGGCAGGTGCTTTAAATGATTACATAGTAGTGGAAGATGTT<br/>TTAGTTGGTTTCTAAATTTAGAAATATGAGGTAGTAAACTCATTTTT<br/>ATATAAAGTAAACTATGTTGAAATCCGTCATTTTCGTGTATATTATT<br/>TGAGTAATTTGACTTGCTTCTCTTAGCAAACACGTTTATTGTCT<br/>CCTTTTGGCTAAGCCTTTCGATACTTTAGACAGCATAGTACAAGCT<br/>GTATCTACTGACTTTTTCTGGAGATCCTTGAGAATATGGTTTACAC<br/>TAATTACACCAGTCTCCATATTGGAACAATGAAATTATGCCTTTAAT<br/>TCAGAAGTATGGGTGCTGATACTGTTGCTTTCTGCAATACTTTTC<br/>TCTCAACTGCAGTAACTCTTATTTTTCATTTCAGTGAAGATGAAA<br/>GTCGCAATATAAGTTTAGGCAGGGTGACAACCTGACAATTGCTAGA<br/>TCCTTTGCTACGTTAAGAATTCCAAAGCACAAACATGATCTCTTC<br/>TCATGGTGGTATTTCCCTTCCAGTTTCTTCTGTTCAATAGTATGTTA<br/>GTCCATTTCTTACTGCACGGTTTGAAAATATTTTCCAATTCAACG<br/>ACTCTCAAAGTTTGTCTCTAAAATAGAACAACATCAACACTCAA<br/>CAGTCTTTCTTTGTTGCTCAGCTGTCAACATGAAATTATCTTATTG<br/>CTAATGCTTTCTGAGTTGCACAGAAAGATGCGGCAAAGAATAAAT<br/>GAGATTCCCCTTCTTTCCAAGATCATGCCCAAATTAGAAAAGTTG<br/>GTATCTTCTTAAATTGATGGGTTAATCACTAGAAATCAATTGGGGTAT<br/>AAAATTGACAGTTGAACAACCTATAGTTTTGTAGTAACGATACTTG<br/>ATGTCAAAATCGTCCTTGCTTTTTACCCTTTTGGAGCAATGACACC<br/>CCAGAAGTGGGGGTATGAGAAAGCAAGATTTTGTCTGTCTTAAGG<br/>GAAGAAGGAGAGATTAATGACACATGGTCCCTTTATTTTATTTA<br/>TTTTTCCTTTCTTGTGATGATATTGCTAATTATATTGTTTAAATT<br/>CTTTATAATGCAATGATACATCCCTTTTTGTGGCCTACCCCTCTGCC<br/>TTTACCCCTCTGACTCGCTGTGCTGTATCGAAAGGAATGCATTATA<br/>AAAGCAGT</div> |                    |  |  |  |
| <hr/>  |                    |  |  |  |
| <div>TUB</div>   | <div>c117718</div> | <div>CATGCATCATCATCCCTATATGAACAACCTGAAGTTACAATGCAATG<br/>AAATTGTACGCGAATTAATACGGAATAGTGAAAAGAGTTGACATC<br/>CTTTTGAATTAATACGGAATAGTGGAAGAGTTTGACAACCTTTTTC<br/>CTCAAAATATGTACTCAAAAACCTCAAGAAAGATAATGCCTGGAA<br/>CTTGAAAGATTACAACACAAATGCAACTGAAAAGGTATTTGAGG<br/>GCTGAGTAACTGAGTTGATCATTTTATATGATACAGCTTCAATATT<br/>CTTCTCCTTCCTCTTCCTCTTCCACATCTTCCGAAGCCACTTCTTC<br/>GTAGTCCCTTTCAAGAGCAGCCAGATCCTCGCGTGCTTCAGAGAA<br/>TTCACCTTCCTCCATCCCTTCACCAACGTACCAGTGAACAAATGC</div> |  |  |

XM\_057912730.1

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TCGCTTTGAATACATCAGATCAAATTTGTGGTTGATTGAGCAAAA  
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GTGTTGAAAGAGTCGTTTGCAACTCCAACAGATGTATCGCTAGGC  
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CAG

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**Table S2.** Primer sequences and amplification characteristics of 12 candidate reference genes for RT-qPCR analysis in *Dracocephalum moldavica* L.

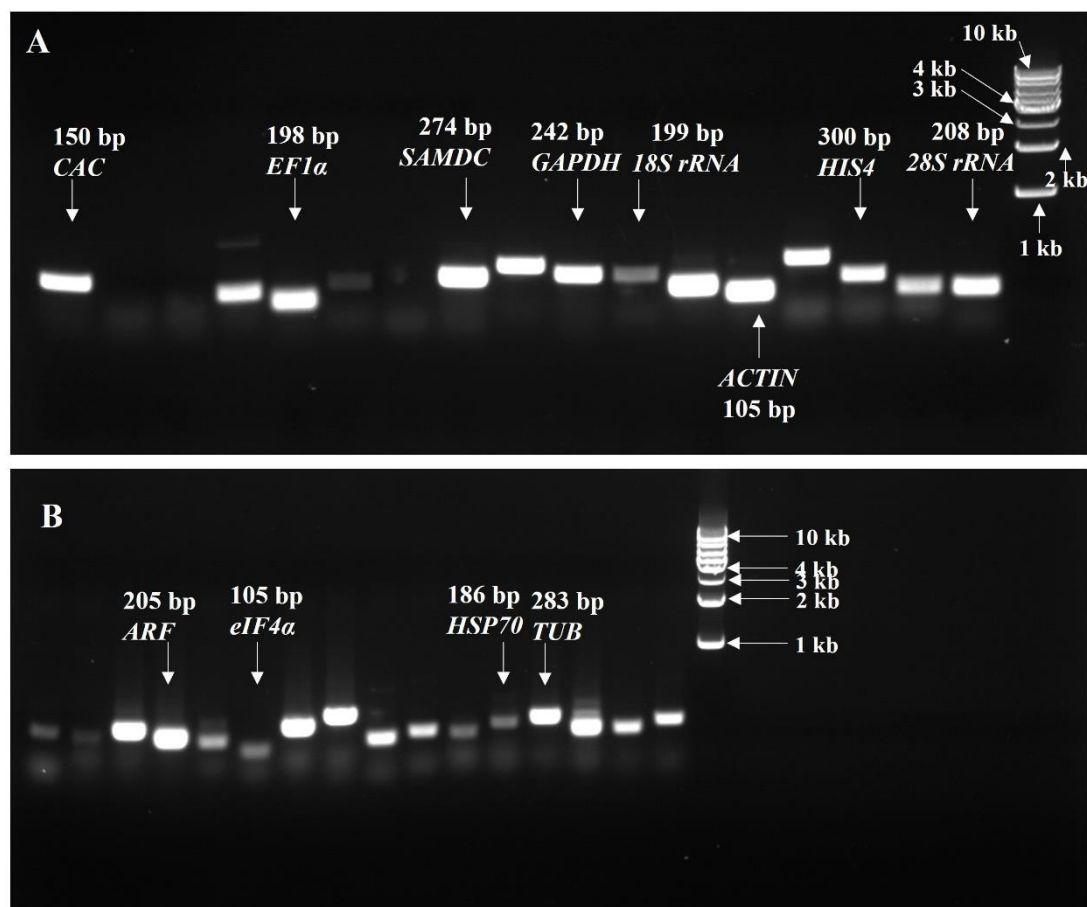
| Genes                          | Forward primer (5'-3')         | Reverse primer (5'-3')        | Product length (bp) |
|--------------------------------|--------------------------------|-------------------------------|---------------------|
| <i>18S rRNA</i>                | CACCGCCACGGACAGTCTC            | CAACCCGCATTTCTTTTAACAA        | 199                 |
| <i>ACTIN</i>                   | CGATCATTGATGGCTGGAAGAGGACCT    | GCTCTGCTGTGGAGAAGAAGTACGAACT  | 105                 |
| <i>HIS4</i>                    | AAGGGAGGCAAGGGATTGGGAAAGG      | ATCTCAGCCGCCGAAACCGTAGAG      | 300                 |
| <i>HSP70</i>                   | TTCAGTTCTTGAGGTCGGAGATGGAGTT   | TTCTCAGCAGATTCAGTAAGCCGTTGGA  | 186                 |
| <i>28S rRNA</i>                | TTACAACATCTGCCTCCTCCATAACCTCCT | AGGTCGGCTTACTTCGCACGGAGA      | 208                 |
| <i>ARF</i>                     | GCGTTGTTCTCAGGCAGCTCCACAT      | CTTACCAGCAGCATCAAGACCAACCATCA | 205                 |
| <i>CAC</i>                     | GGGAGAAGACAAGTAGGCAAAGTACAAGGA | CGCTGTGAACAACACGGACTCATTACC   | 150                 |
| <i>EF1<math>\alpha</math></i>  | CTTCACCATACCAGCATCTCCGTTCTTCAG | GCCAACTTCACTTCCCAGGTCATCATCAT | 198                 |
| <i>SAMDC</i>                   | CTTCTCCTCGTCCTCATCATCGTCTCTG   | GCTGTGAATCTGCGTGCTCTGGTC      | 274                 |
| <i>GAPDH</i>                   | AAGCAGCAATCAAGGAGGAGTCTGAGG    | CATACCAAGTTACTTAGTGCGGCAATGTG | 242                 |
| <i>eIF4<math>\alpha</math></i> | CACTGCGAGATGGAATAGGTTGAGAAGAGG | AGCGGAAGGCAGGCATCAGTAACG      | 105                 |
| <i>TUB</i>                     | CTTCTCCTCCTCTTCTCTTCCACATCTT   | GGTATCAATTACCAGCCTCCGACAGTG   | 283                 |

**Table S3.** Primers sequences of *DREB* and *NCED*

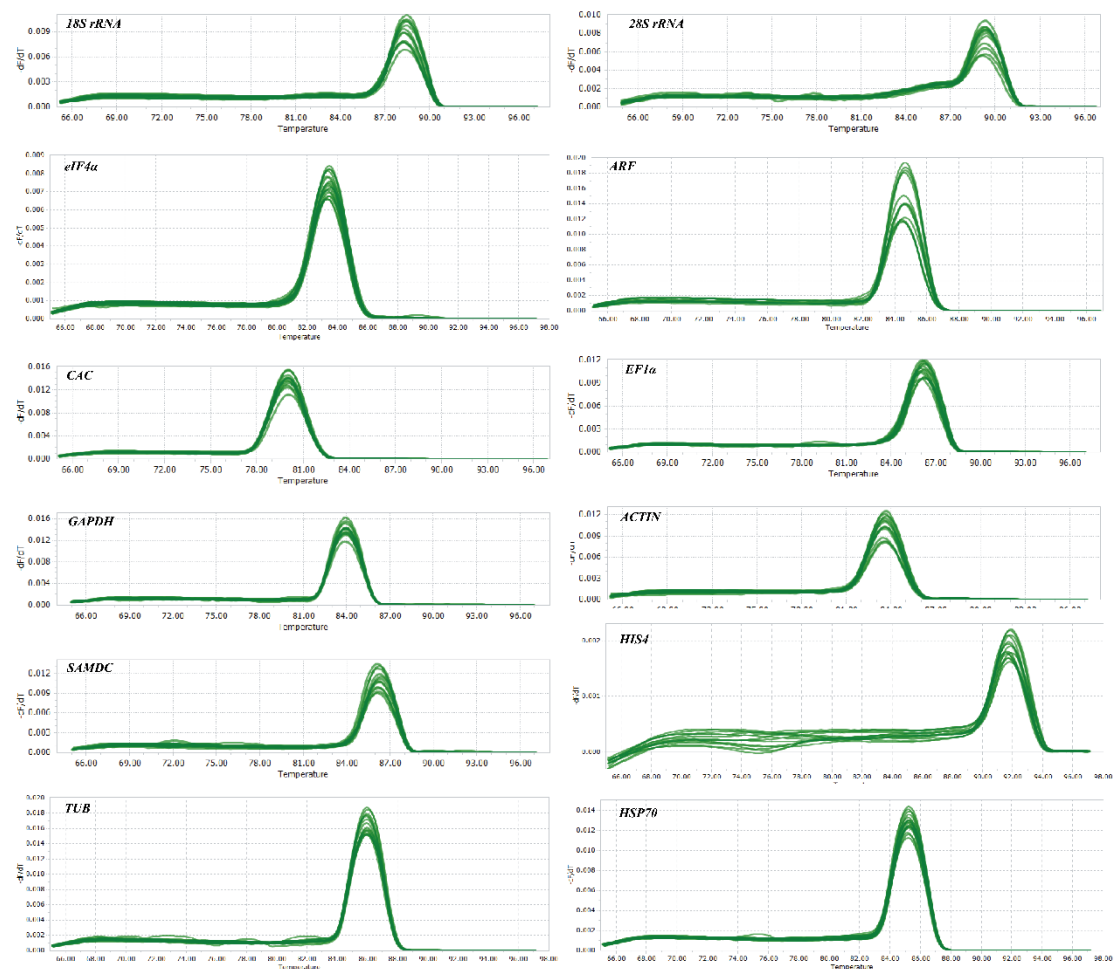
| Genes       |         | Primers (5'-3')          |
|-------------|---------|--------------------------|
| <i>DREB</i> | Forward | TCAGTCGAGCACAAGGACCATACA |
|             | Reverse | TTACAGAGGCGTGAGGCAGAGG   |
| <i>NCED</i> | Forward | GTGCTCGCCGTAGATGAACTTG   |
|             | Reverse | GCCGACACCTTCTGCTTCCA     |

**Table S4.** The counted and ranked the top five genes by five different programs

| Samples               | Ranking | $\Delta Ct$                    | geNorm                         | NormFinder                    | BestKeeper                     | RefFinder                      |
|-----------------------|---------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|
| PEG treatment of leaf | 1       | <i>ACTIN</i>                   | <i>EF1<math>\alpha</math></i>  | <i>SAMDC</i>                  | <i>ACTIN</i>                   | <i>ACTIN</i>                   |
|                       | 2       | <i>GAPDH</i>                   | <i>GAPDH</i>                   | <i>HIS4</i>                   | <i>GAPDH</i>                   | <i>EF1<math>\alpha</math></i>  |
|                       | 3       | <i>18S rRNA</i>                | <i>eIF4<math>\alpha</math></i> | <i>18S rRNA</i>               | <i>18S rRNA</i>                | <i>18SrRNA</i>                 |
|                       | 4       | <i>EF1<math>\alpha</math></i>  | <i>28S rRNA</i>                | <i>ACTIN</i>                  | <i>EF1<math>\alpha</math></i>  | <i>GAPDH</i>                   |
|                       | 5       | <i>eIF4<math>\alpha</math></i> | <i>ARF</i>                     | <i>GAPDH</i>                  | <i>eIF4<math>\alpha</math></i> | <i>eIF4<math>\alpha</math></i> |
| PEG treatment of root | 1       | <i>GAPDH</i>                   | <i>EF1<math>\alpha</math></i>  | <i>GAPDH</i>                  | <i>EF1<math>\alpha</math></i>  | <i>EF1<math>\alpha</math></i>  |
|                       | 2       | <i>ARF</i>                     | <i>SAMDC</i>                   | <i>ARF</i>                    | <i>ACTIN</i>                   | <i>eIF4<math>\alpha</math></i> |
|                       | 3       | <i>EF1<math>\alpha</math></i>  | <i>18S rRNA</i>                | <i>ACTIN</i>                  | <i>18S rRNA</i>                | <i>GAPDH</i>                   |
|                       | 4       | <i>eIF4<math>\alpha</math></i> | <i>GAPDH</i>                   | <i>EF1<math>\alpha</math></i> | <i>CAC</i>                     | <i>ARF</i>                     |
|                       | 5       | <i>18S rRNA</i>                | <i>ARF</i>                     | <i>SAMDC</i>                  | <i>GAPDH</i>                   | <i>ACTIN</i>                   |
| Flower stages         | 1       | <i>28S rRNA</i>                | <i>18S rRNA</i>                | <i>HSP70</i>                  | <i>28S rRNA</i>                | <i>HSP70</i>                   |
|                       | 2       | <i>18S rRNA</i>                | <i>HSP70</i>                   | <i>CAC</i>                    | <i>18S rRNA</i>                | <i>SAMDC</i>                   |
|                       | 3       | <i>HSP70</i>                   | <i>ACTIN</i>                   | <i>SAMDC</i>                  | <i>HSP70</i>                   | <i>ACTIN</i>                   |
|                       | 4       | <i>ACTIN</i>                   | <i>EF1<math>\alpha</math></i>  | <i>ARF</i>                    | <i>ACTIN</i>                   | <i>EF1<math>\alpha</math></i>  |
|                       | 5       | <i>CAC</i>                     | <i>SAMDC</i>                   | <i>ACTIN</i>                  | <i>CAC</i>                     | <i>CAC</i>                     |
| Different tissues     | 1       | <i>eIF4<math>\alpha</math></i> | <i>GAPDH</i>                   | <i>ARF</i>                    | <i>18S rRNA</i>                | <i>ARF</i>                     |
|                       | 2       | <i>18S rRNA</i>                | <i>ACTIN</i>                   | <i>28S rRNA</i>               | <i>eIF4<math>\alpha</math></i> | <i>EF1<math>\alpha</math></i>  |
|                       | 3       | <i>28S rRNA</i>                | <i>EF1<math>\alpha</math></i>  | <i>ACTIN</i>                  | <i>ARF</i>                     | <i>ACTIN</i>                   |
|                       | 4       | <i>ARF</i>                     | <i>ARF</i>                     | <i>SAMDC</i>                  | <i>28S rRNA</i>                | <i>28S rRNA</i>                |
|                       | 5       | <i>SAMDC</i>                   | <i>SAMDC</i>                   | <i>GAPDH</i>                  | <i>SAMDC</i>                   | <i>18S rRNA</i>                |
| Total samples         | 1       | <i>18S rRNA</i>                | <i>EF1<math>\alpha</math></i>  | <i>ARF</i>                    | <i>18S rRNA</i>                | <i>ARF</i>                     |
|                       | 2       | <i>eIF4<math>\alpha</math></i> | <i>ACTIN</i>                   | <i>SAMDC</i>                  | <i>eIF4<math>\alpha</math></i> | <i>ACTIN</i>                   |
|                       | 3       | <i>SAMDC</i>                   | <i>GAPDH</i>                   | <i>ACTIN</i>                  | <i>ARF</i>                     | <i>EF1<math>\alpha</math></i>  |
|                       | 4       | <i>ARF</i>                     | <i>SAMDC</i>                   | <i>GAPDH</i>                  | <i>28S rRNA</i>                | <i>18SrRNA</i>                 |
|                       | 5       | <i>28S rRNA</i>                | <i>ARF</i>                     | <i>28S rRNA</i>               | <i>SAMDC</i>                   | <i>SAMDC</i>                   |



**Figure S1.** The primers' specificity of 12 candidate reference genes detected by agarose gel electrophoresis in *D. moldavica*.



**Figure S2.** Melting-curve analysis of quantitative real-time PCR (RT-qPCR) amplification of 12 candidate reference genes in *D. moldavica*.