

Supplementary Materials

Text S1: Sequences of candidate reference genes.

Actin-1

ATGACTCAGATTATGTTTGAACTTTCAATGTGACAGCAATGTATGTTGCCATCCAGG
CCGTTCTATCTCTATATGCCAGTGGTCGTACAACCTGGTATTGTGCTGGATTCTGGTGAT
GGTGTGTCTCATACTGTGCCAATCTATGATGGATATGCCCTTCCCCATGCAATTCTTCG
TTTGACCTGGCTGGTCGTGATCTCACTGATGCATTGATGAACATTCTTACTGAGAGA
GGGTACATGTTTACCACCACAGCCGAGCGGGAAATTGTCCGTGACATGAAGGAGAA
GCTTGCTTATGTTGCTCTAGACTATGAGCAAGAACTTGAGACTGCCAAGAGCAGCTCT
TCTGTTGAGAAGAACTACGAGCTGCCTGATGGCCAGGTGATAACCATTGGAGCTGAG
AGGTTCCGTTGCCCAGAAGTCCTCTTCCAGCCATTTCTCATCGGAATGGAAGCTGCCG
GTATCCATGAGACTACCTACAACCTCCATCATGAAGTGTGACGTGGATATCAGAAAGG
ATCTGTATGGTAACATTGTGCTCAGTGGTGGTTCGACTATGTTCCCTGGTATTAGCCGA
CCGTATGAGCAAGGAAATCACTGCACTTGCTCCAAGCAGCATGAAGATTAA

Histone H3

ATGGCCCGTACTAAGCAAACCTGCTCGTAAATCAACTGGAGGAAAGGCACCTAGGAA
GCAACTCGCTACCAAGGCCCGCTGTAAGTCTGCTCCCACAACCGGTGGAGTCAAGAA
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GAGTACCGAGCTACTGATCAGGAAACTCCCATTCCAGAGACTTGTTTCGTGAAATAGC
CAAGGACTTCAAGACTGATCTGCGTTTCCAGAGCCACGCTGTCCTGGCCCTACAGGA
GGCAGCCGAGGCTTACCTCGTCGGTCTCTTTGAGGACACTCCCCTCTGTGCTATTAC
GCCAAGCGTGTGACCATTATGCCCAAGGATATCGAGCTTGCCCGTAGGATCCGCGGT
GAGCGTGCTTAA

UBQ

ATGCAGATCTACGTCAAAACCCTAACCGGCAAAACAATCACTCTCGAAGTTGAGAGT
TCCGACACTATTGATAACGTTAAGGCCAAGATCCAAGACAAGGAGGGACACCCTCCT
GATCAGCAGCGCCTCATCTTCGCCGCCAAGCAATTGGAAGACGGACGGACCTTGGCT
GACTATAATATCCCGAAGGAATCAACCCTTCATCTTGTCTCAGGCTCCGTGGTGGCA
TGCAGATCTTCGTCAAAACCCTTACCGGCAAGACGATCACGCTCGAGGTTGAGAGTT
CAGACACGATCGATAACGTCAAGGCCAAGAATCAAGACAATGAGGGGATCCCACCA
GACCAGCAGACGCTGATCTTTGCCGGAAGCAACTCGAAGACGGACGCACCTTGGC
CGACTACAATATCCAGAAGGAATCAACCCTTCATCTTGTCTCAGGCTCCGTGGTGGT
ATGCAGATCTTCGTCAAAACCCTAAGTGGGAAGACGATCACTCTCGAGGTGGAGAGT
TCAGATACTATCGATAATGTCAAGGCCAAGATCCAGGACAAAGACGGCATCCCACC
GGATCAGCAAAGATTGATCTTCGCCGGCAAGCAACTCGAAGATGGCCGTACTTTGGC
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CATGCAGATTTTTGTAA

GAPDH

ATGTTTCGTTGTTGGTGTCAATGAGCACGAGTACAAGCCAGAACTTAACCTTGTGTCCA
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TGGCATTGTTGAGGGTTTGATGACCACTGTTCACTCTATCACTGCCACCCAGAAAAC
GTTGATGGGCCATCATCAAAGGACTGGAGAGGTGGCAGGGCTGCTTCATTCAACATC
ATTCCTAGCAGTACTGGAGCTGCTAAGGCTGTTGGAAAGGTCTTACCTTCTTTGAATG

GAAAAGTATTGGTATGGCTTTCCGTGTACCCACGGTTGATGTCTATGTGGTTGACCT
CACAGTGAGGATGGAGAAGGAAGCTTCTTATGATGAAATTAAGCTGCCATCAAGG
AGGAGTCCGAGGGAAAAGTAAAGGGTATCTTGGGATACACTGAGGATGATGTGGTTT
CTACGGACTTTATTGGCGACAACAAGTCAAGTTTCTTTGATGCCAAGGCTGGTATTGC
TTTGAGCAAGAATTTTGTGAAGCTTGTGCGGTGGTATGACAATGAGTGGGGCTACAGT
TCCCGTGTGGTTGATCTGATTGTCCACATGTCTGAAGACCCAGTAA

UBQ 10

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CGACTATAACATCCAGAAGGAATCTACCCTTCATTTGGTTCTTCGTCTCAGGGGTGGC
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CTGACACGATTGACAATGTCAAGGCTAAGATCCAGGACAAGGAGGGCATCCCACCA
GACCAGCAGAGGTTGATCTTTGCCGGCAAACAACCTTGAGGATGGCCGTACTCTTGCT
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GATCAGCAGAGGCTTATTTTGTGTAAGAGCAGCTTGAAGACGGAAGGACCCTTGCA
GACTATAACATCCAGAAAGAATCCACGCTACACTTGGTTCTTCGCCTCCGTGGTGGTA
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ACCAGCAGAGGTTGATCTTTGCTGGAAAGCAACTGGAGGATGGAAGTACTCTTGCTG
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TGA

CHS 1

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TATTATTTTCGTATCACAAAGAGAGAACACATGACTGAACTTAAAGAGAAATTTAAG
CGCATGTGTGACAAATCCATGATCAAGAAGAGATACATGTACTTGACTGAAAATATA
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GATATGGTTGTAGTTGAGGTACCAAAGCTAGGCAAAGAAGCAGCCACCAAGGCCATT
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GGTGTGATATGCCTGGGGCCGATTACCAACTACCAAACCTCTTGGGCCTTCGCCCTT
CCGTAAACGTCTCATGATGTACCAACAAGGCTGTTTCGCCGGCGGCACGGTGCTCCG
TCTTGCCAAAGACCTCGCCGAGAACAACAAGGCGCCCGTGTCTCTCGTGTGCTC
TGAGATAACTGCAGTTACTTTCCGGGGTCCCAGTGACACCCATCTTGATAGCCTTGTA
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ACGGCTCGAAAAGCCTATCTTTGAACTGGTCTCTGCGGCCCAAACAATATTACCCGAT
AGTGAAGGGGCTATTGATGGACACCTCCGTGAAATTGGGCTTACGTTTCACCTACTCA
AGGATGTTCCCTGGGCTAATTTGGAAGAACATCCAAAAAGTCTCACTGAGGCATTCA
ACCCATTGGGTATCTCGGACTGGAAGTCAATTTCTGGATAGCGCACCCCGGTGGGCG
TGCTATTTTGACCAGGTTGAGGAGAAGTTGGGCCTGA

β-TUB6

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GGTGGAAAGGTACGTGCCTAGGGCTATCCTCATGGATCTTGAACCCGGTACTATGGAT
AGTATCAGATCTGGACCCTACGGCCAGATCTTTCGACCTGATAACTTCGTCTTTGGGC
AATCCGGTGCCGGCAATAATTGGGCCAAAGGTCATTACACCGAAGGCGCTGAGTTGA
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TTTTCAGGTTTGCCACTCACTTGGAGGAGGTACAGGTTCTGGCATGGGAACTCTCTTG
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TCAGTTGGTTGAGAATGCTGATGAATGCATGGTTCTTGACAATGAAGCACTTTATGAT
ATTTGCTTCCGGACTCTAAAGCTTAGCACTCCAAGCTTCGGAGACTTGAATCACTTGA
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TGACCTCAGGAAGCTGGCTGTTAATCTGATTCCGTTCCCACGTCTTCATTTCTTCATGG
TGGGATTTGCACCGCTCACCTCATATGGATCCCAGCAATACATCTCCCTCACTGTGCC
CGAGCTGACTCAGCAAATGTGGGATGCCAAGAATATGATGTGCGCAGCTGACCCCCG
CCATGGCCACTACCTCACAGCCTCAGCTATGTTTCAGAGGAAAGATGAGCACCAAAGA
GGTGGATGAGCAGATGATTAATGTGCAGAACAAGAATTCATCATACTTTGTTCGAGTG
GATCCCCAACAAATGTGAAGTCCAGTGTGTGTGATATTCCACCTAGGGGTTTGAAGATG
GCATCTACTTTTCATTGGTAACTCCACGTCTATCCAAGAGATGTTTCAGGAGGGTGAGTG
AGCAGTTTACTGCCATGTTCCGGCGCAAGGCCTTTTTGCATTGGTATACTGGGCGAGG
GTATGGATGA

α -TUB

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ACCGATGTTGCTGTGCTTCTTGATAATGAAGCCATCTATGACATTTGTAAGCGTTCTCT
TGACATTGAGCACCCCACTTACACCAATCACAACCGATTAATCTCTCAGGTGATTTCA
TCCCTCACTGCTTCTTTGAGGTTTGATGGAGCTCTGAATGTGGATGTGACCGAGTTCCA
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TTTCTGCGGAGAAGGCATACCATGAGCAACTTTCAGTTGCTGAGATCACCAACACTG
CGTTTGAGCCATCATCCATGATGGCCAAATGTGATCCTCGTCATGGAAAATACATGGC
TTGTTGCTTGATGTTTCGTGGTAATGTTGTGCCTAAGGATGTGCATGCAGCTGTGGCCA
CCATCAAGACGAAGCAGACAGTCCAGTTTGTTGATTGGTGTCTCTACTGGATTCAAGTG
CGGTATCAACTAA

Actin-100

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CCGTGCTTTCCCTTTATGCCAGTGGTCGTACAACAGGTATGGTCTTAGATTCTGGTGAT
GGTGTACGCCATACAGTACCAATTTATGAAGGCTATGCGCTCCCTCATGCTATCCTTC
GTTTGGACCTTGCTGGCCGTGATCTAACGGACTCCTTAATGAAGATCCTCACTGAGAG
AGGGTATTCTTTCACCACTACTGCTGAGCGGGAAATTGTCCGTGACATGAAGGAAAA
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GCGGTTGAGAAAAGTTATGAGTTGCCTGATGGGCAGGTGATTACAATCGGAGCTGAG
AGGTTCCGTTGCCCAGAAGTACCTTTCCAGCCATCTTTGATTGGAATGGAAGCTGCTG
GAATTCATGAAACCACTTACAACCTCCATCATGAAGTGTGATGTTGATATCAGGAAAG

ATCTGTTGGAAACATTGTGCTTAGTGGTGGTTCAATTATGTTCCCTGGTATTGCTGATC
GGATGA

β-TUB2

ATGGGAACCCTGTTGATATCAAAGATCAGAGAGGAATATCCTGACAGGATGATGATG
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CAACCCTTTCTGTGCACCAGTTGGTTGAGAATGCTGATGAATGCATGGTTCTTGACAA
TGAAGCTCTTTATGATATTTGCTTCCGGACTCTAAAGCTTAGCAATCCAAGCTTCGGA
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TGGTCAACTCAACTCTGACCTCAGGAAGCTGGCTGTTAATCTGATCCCATTCCCACGT
CTTCATTTCTTCATGGTGGGATTTGCACCTCTCACCTCACGTGGATCCCAGCAATACAT
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CATACTTTGTAGAGTGGATCCCCCACAATGTGAATTCCAGTGTATGTGATATACCACC
AAGGGGTTTGAAGATGGCATCTACTTTTATTGGTAACTCCACGTCTATCCACGAGATG
TTCAGGAGGGTGAGTGAGCAGTTTACTGCCATGTTCCGTCGCAAGGCCTTTTTGCATT
GGTATACTGGTGAGGGTATGGATGAAATGGAATTCACGGAGGCAGAGAGCAACATG
AATGACTTGGTGGCAGAGTACCAACAATAA

Text S2: Sequences of pathway genes.

DXS

ATGGCTCTCTCTGCATTCTCATTTCCAACCTCACGTCGACAAAGCAACAATTTTCAGTTCC
TCGAAAGTCTTCTCTGCTTACTTCTCATTTCTTGGGAGCTGATATTTTTTCCCATTTTTCT
CATAAGCTCATCAATCAGCAGATACAGCTCAAGAAAAGGCCAAATGGGGTTTGTGCA
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CAGATGAGTTGCGGTCAGATGTCATAGTCAATGTTTCGAAAACCTGGGGGTCAGTTAGG
CTCAAGTCTTGGTGTGGTTGAGCTTACTGTGGCTCTTCATTATGTTTTCAATGCTCCTAA
AGACAGGATACTATGGGATGTTGGTCATCAGACTTACCCTCATAAAATCTTGACTGGG
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DXR

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ISPD

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TTCGAATAA

ISPE,

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ISPF

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ISPG

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ISPH

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ACAT

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HMGCS

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GTGTTCCATTCTCCATATAATAAGCTTGACAGAAAAGCTTTTCTCGTTTGTTGTTAAT
GACTTCACGAGGGATGCCAGTTCTGTTGACAAGGCTGCCAAAGAAAAGCTGGGACCA
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AACAACCTTGCAAGGCCCTTTATGATGCAAAGGTCCAACCATCCACTTTAATACCAAA
GCAAGTTGGTAACATGTATACAGCATCTCTCTATGCGGCATTTGCTTCCCTTGTTTACA
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AACATCGTATCTGTATGAATGTTGCTGGGAAGTTGAAGTCAAGGCATGAGTTTCCTCC
AGAGAAGTTTGTGGAAGTAATGAAGATAATGGAGCATAGGTATGGAGCCAAGGACTT
CGTGACGAGCAAAGGACAGTAG

HMGCR

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MVK

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MVD

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IDI

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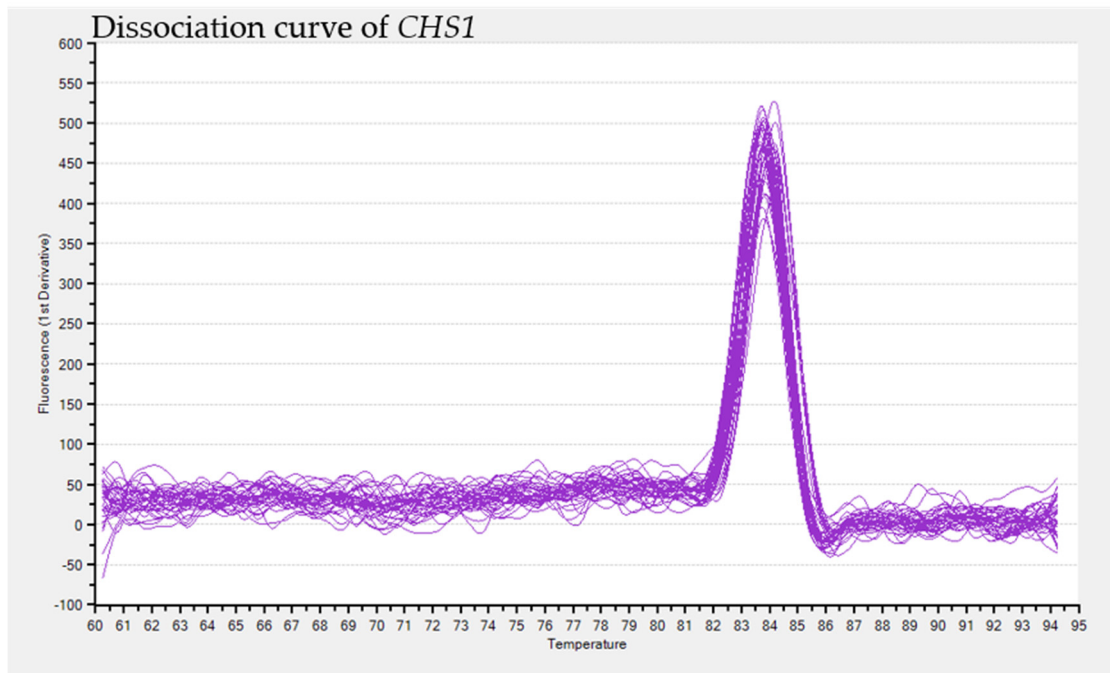


Figure S1. Dissociation curve of *CHS1*.

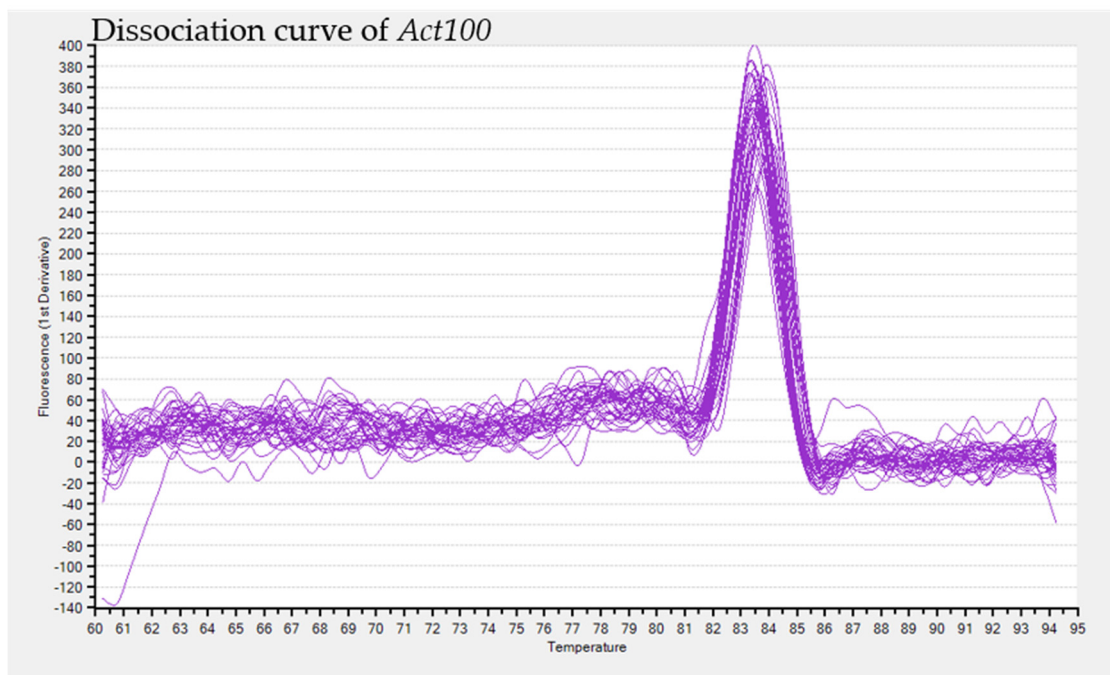


Figure S2. Dissociation curve of *Act100*.

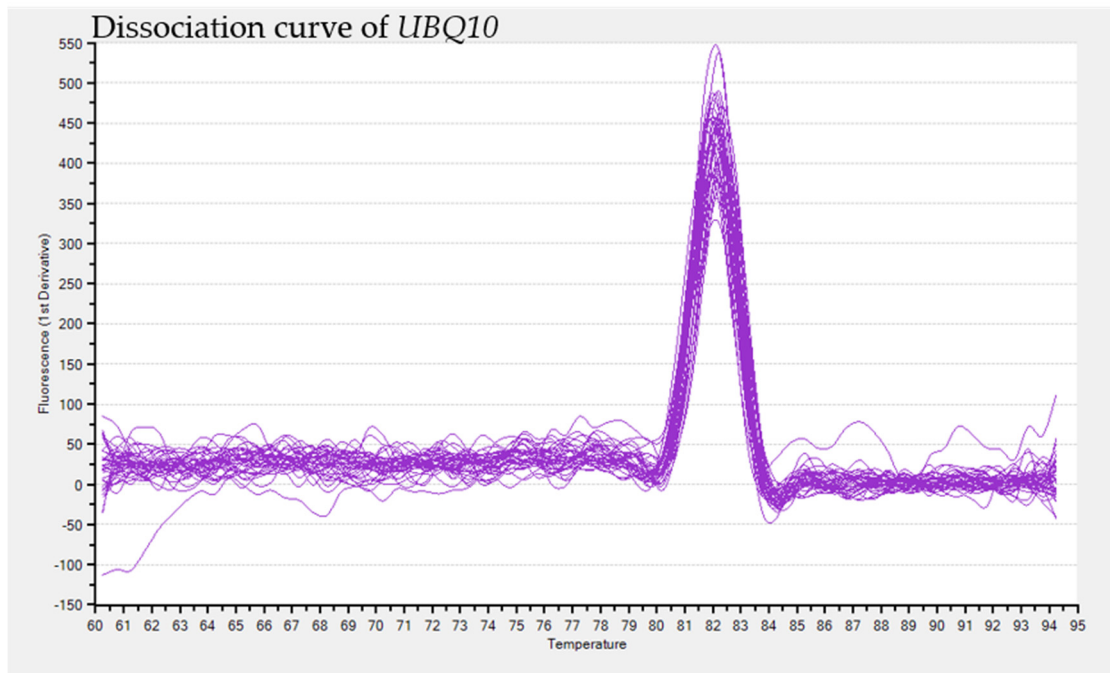


Figure S3. Dissociation curve of *UBQ10*.

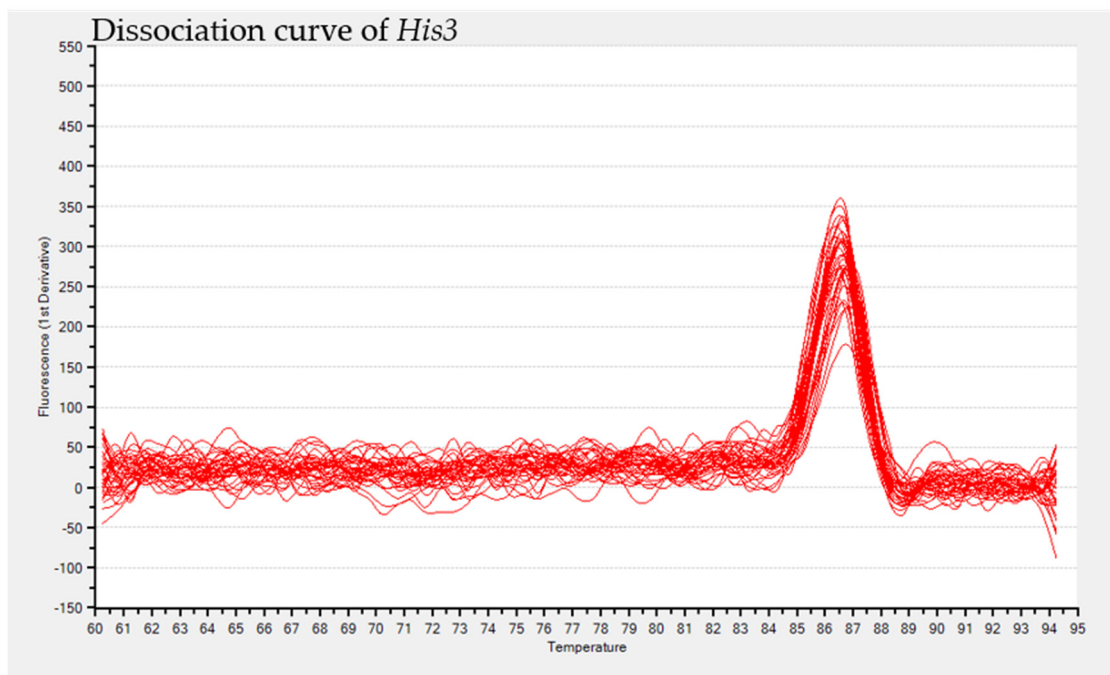


Figure S4. Dissociation curve of *His3*.

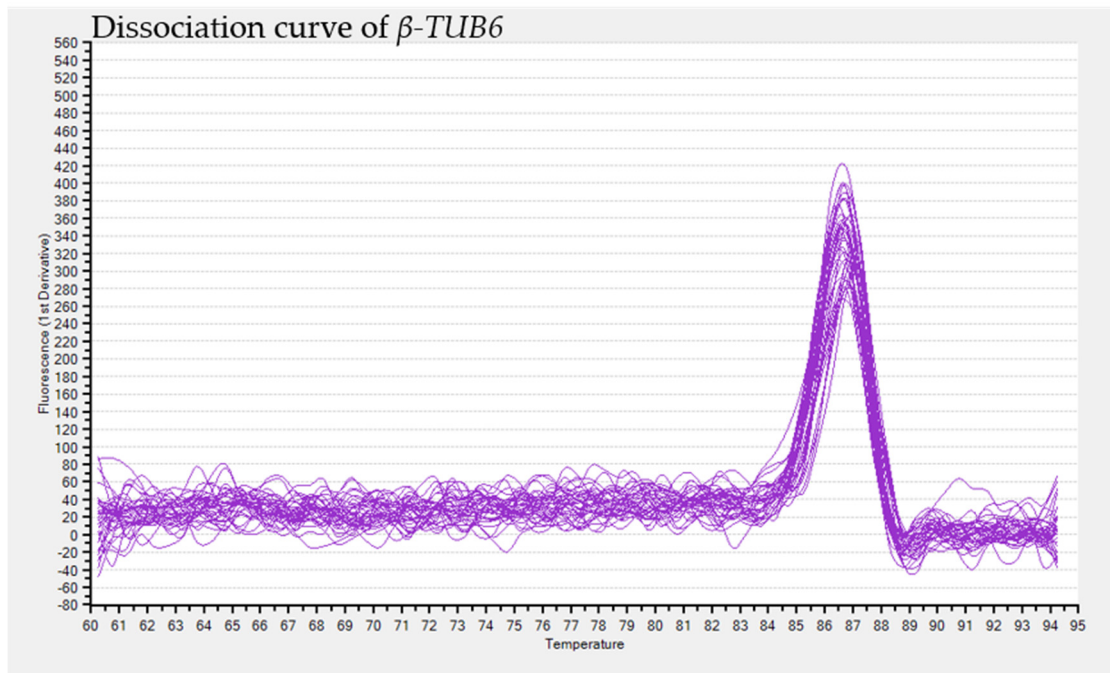


Figure S5. Dissociation curve of β -TUB6.

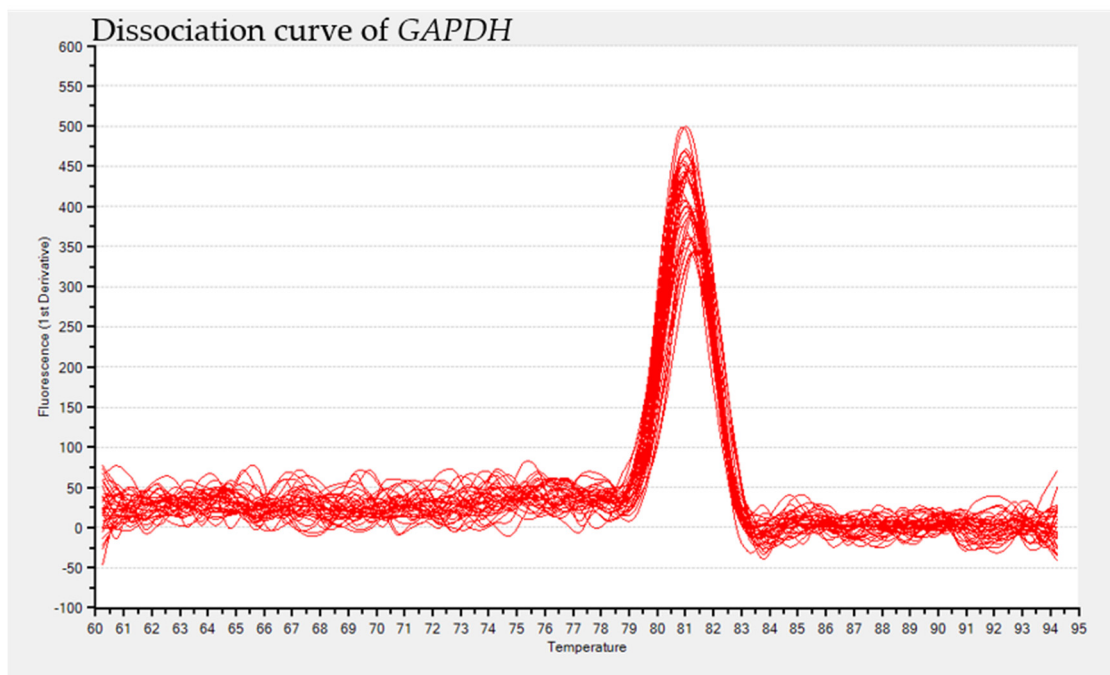


Figure S6. Dissociation curve of GAPDH.

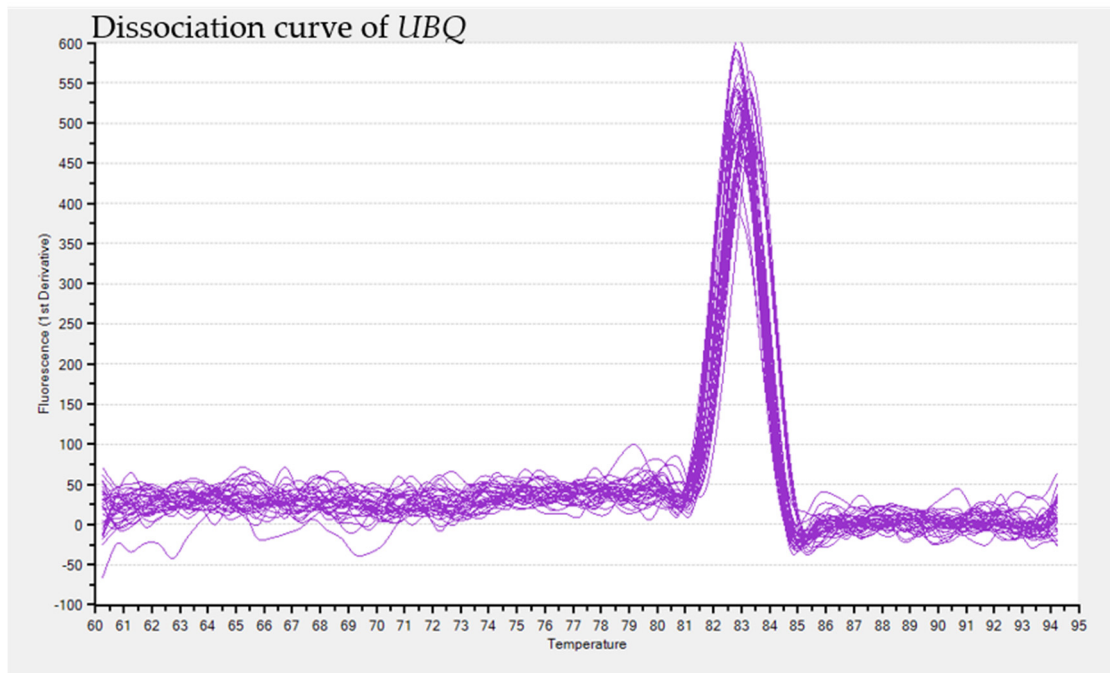


Figure S7. Dissociation curve of *UBQ*.

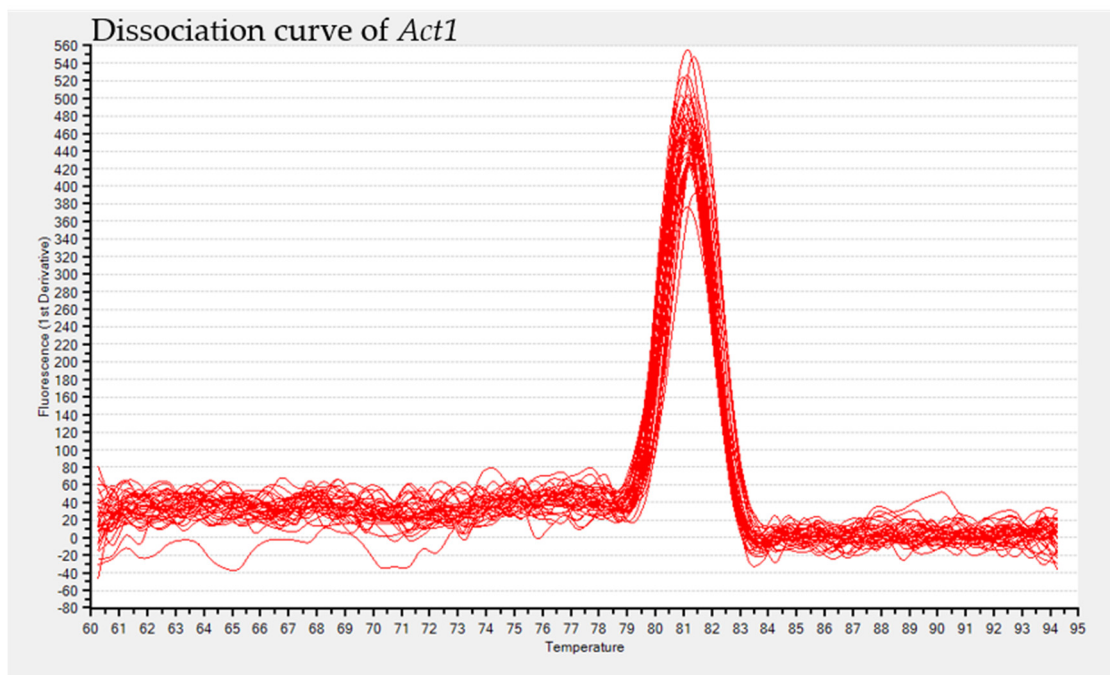


Figure S8. Dissociation curve of *Act1*.

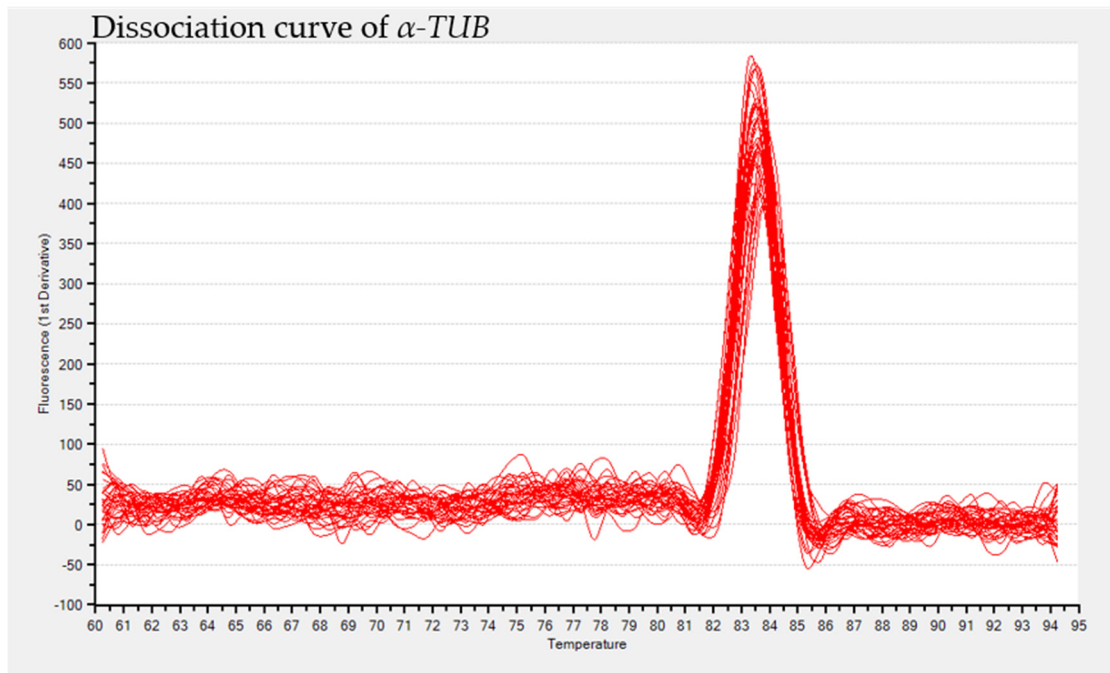


Figure S9. Dissociation curve of α -TUB.

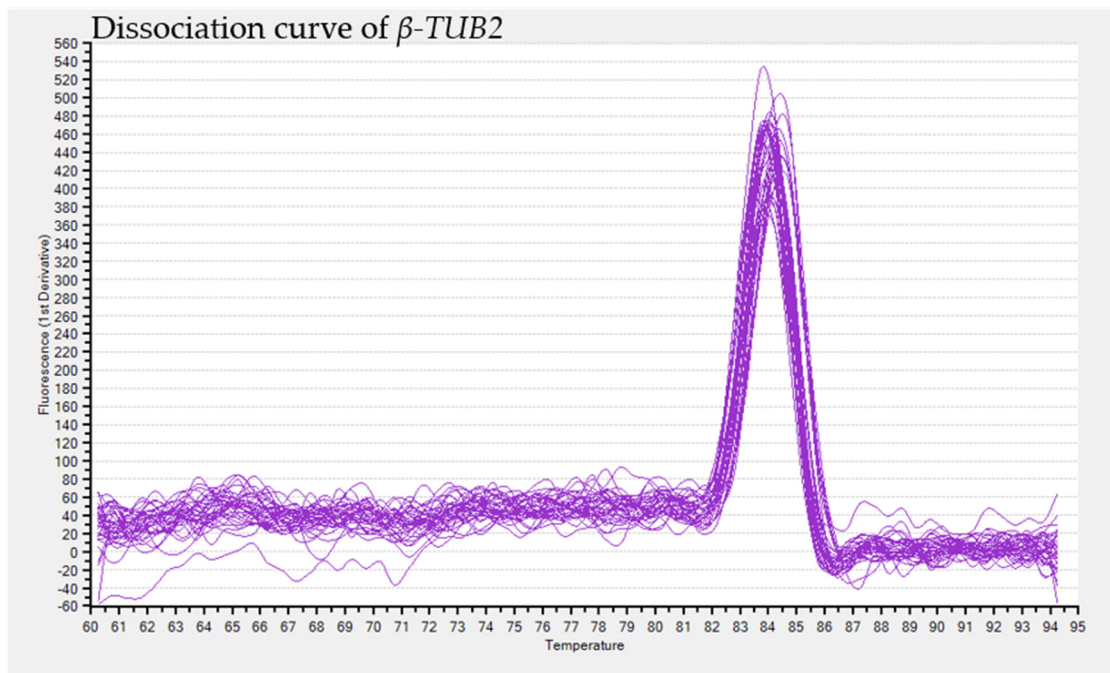


Figure S10. Dissociation curve of β -TUB2.

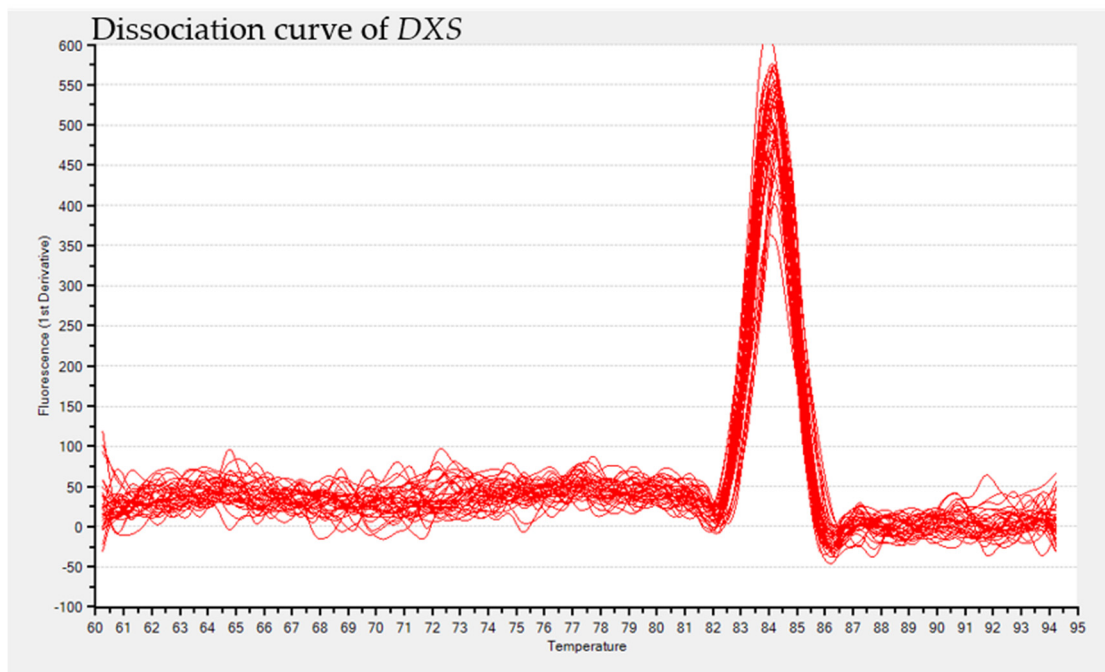


Figure S11. Dissociation curve of *DXS*.

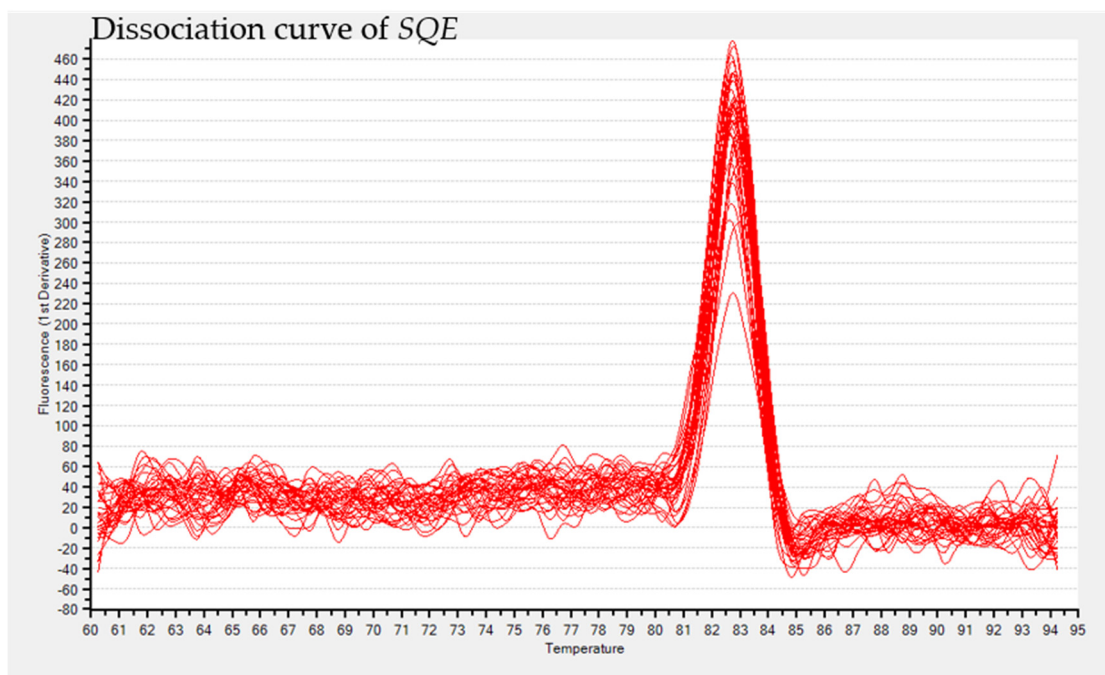


Figure S12. Dissociation curve of *SQE*.

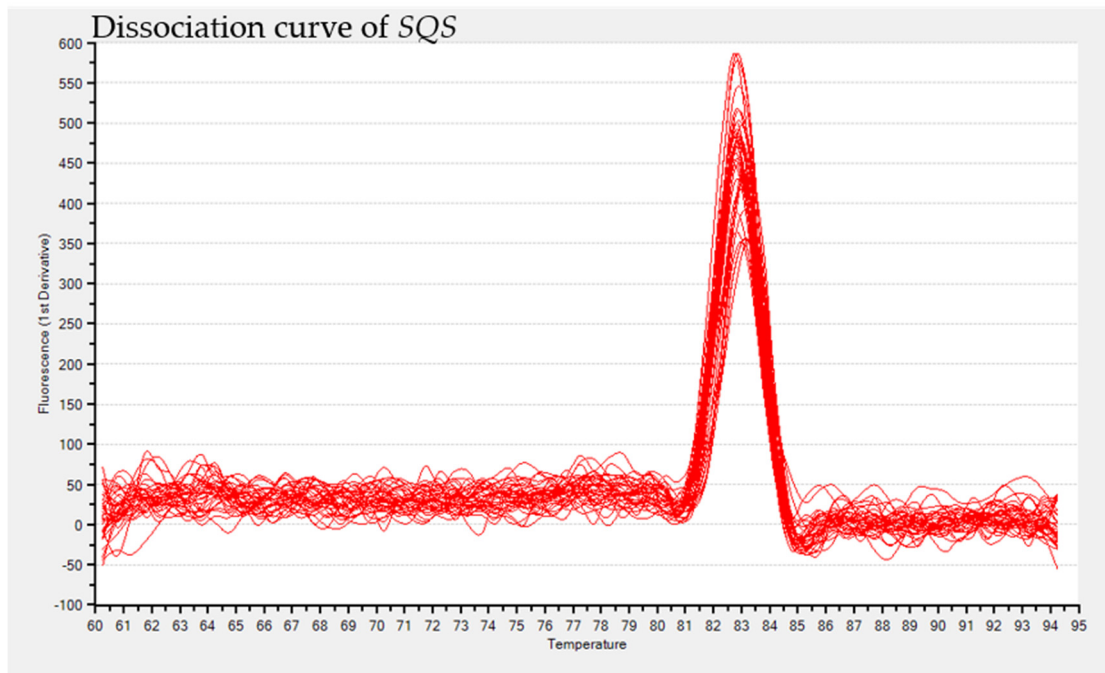


Figure S13. Dissociation curve of *SQS*.

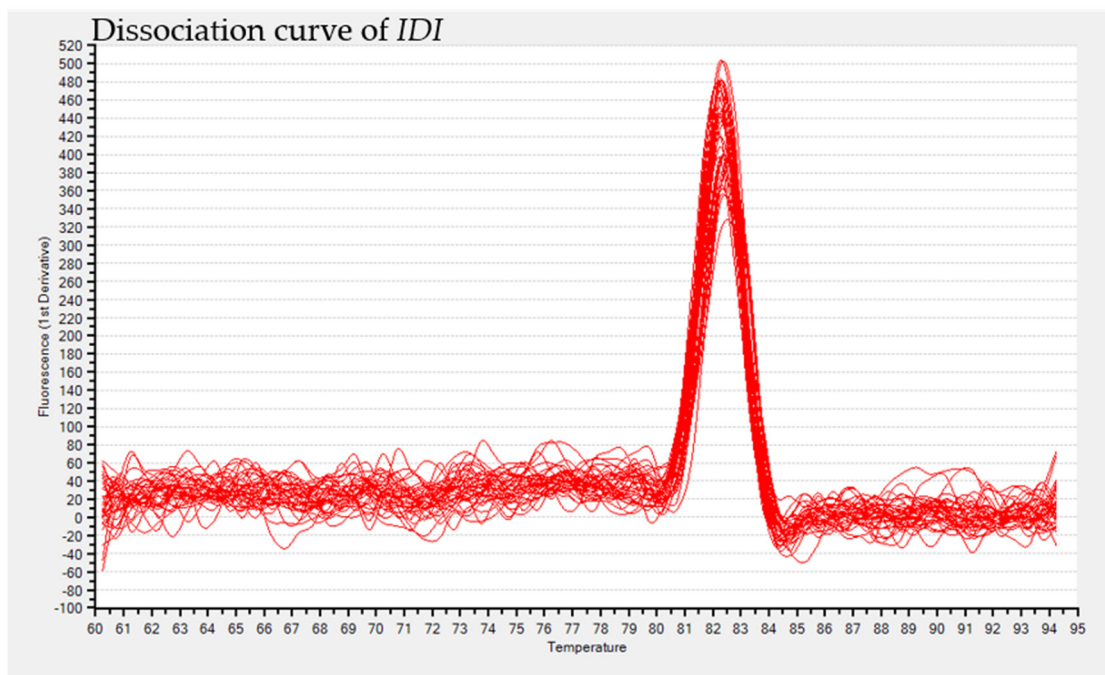


Figure S14. Dissociation curve of *IDI*.

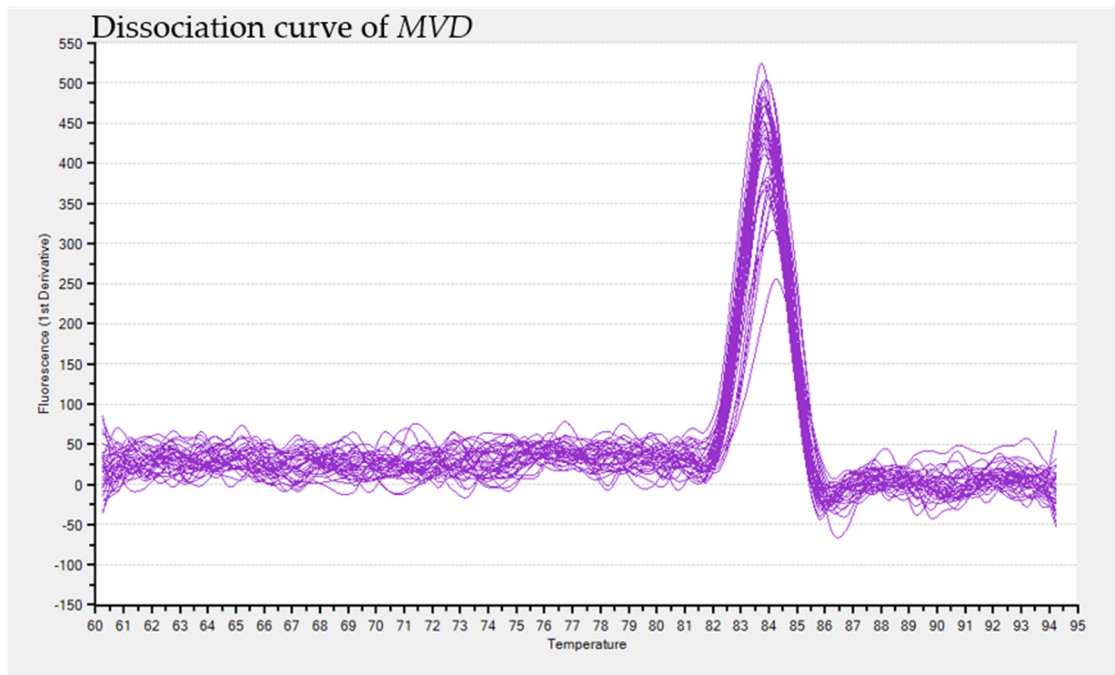


Figure S15. Dissociation curve of *MVD*.

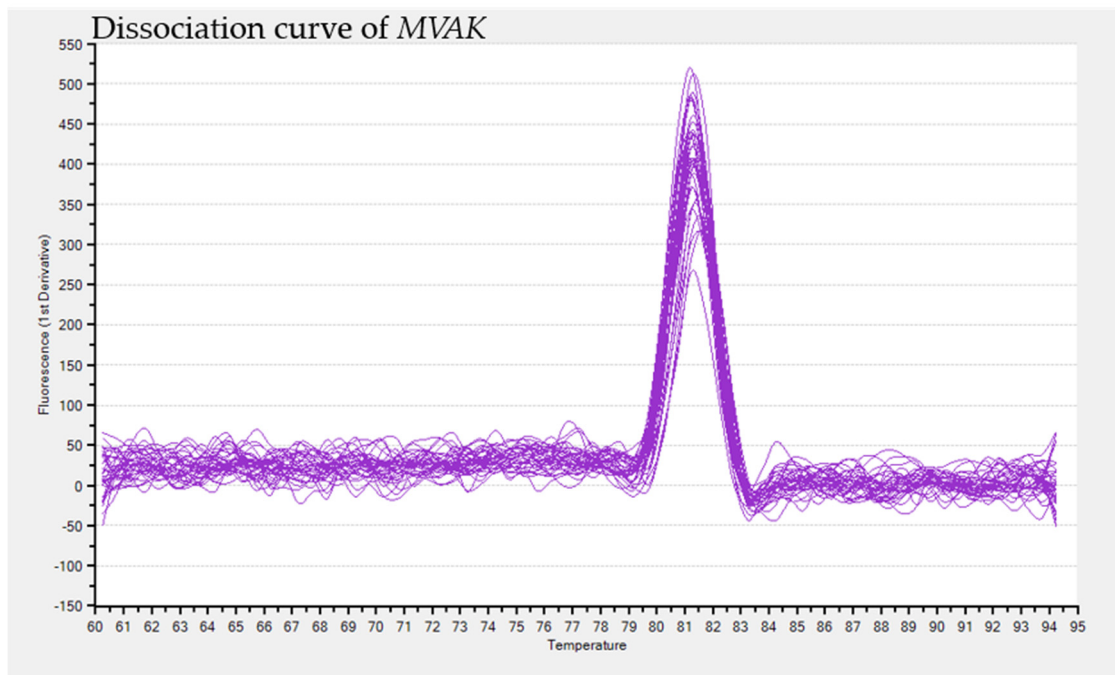


Figure S16. Dissociation curve of *MVAK*.

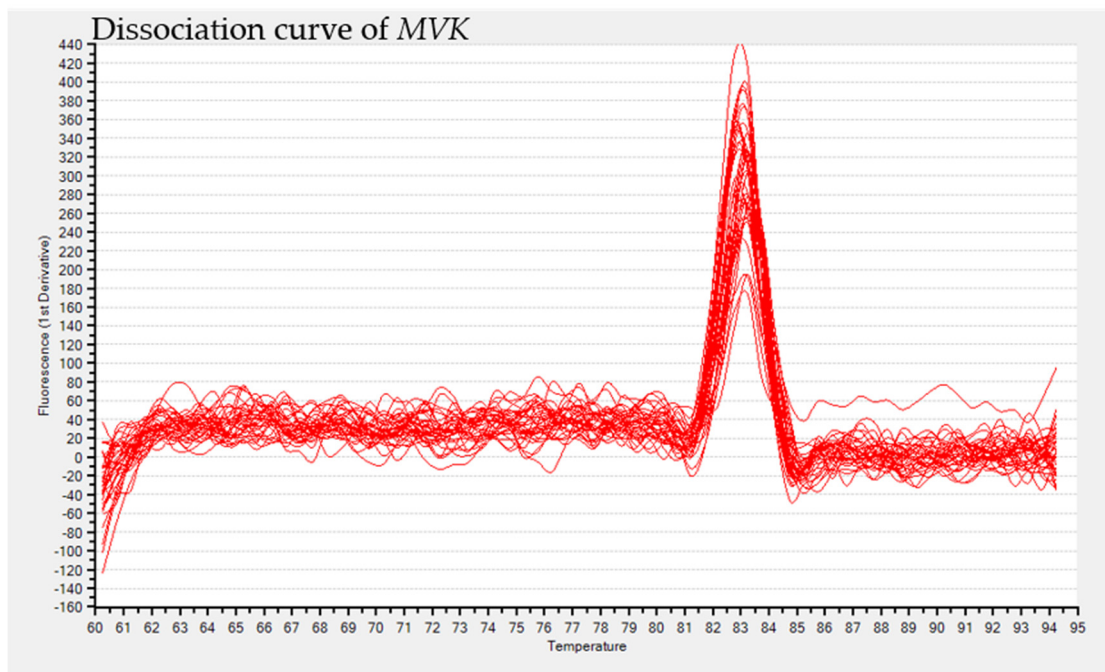


Figure S17. Dissociation curve of *MVK*.

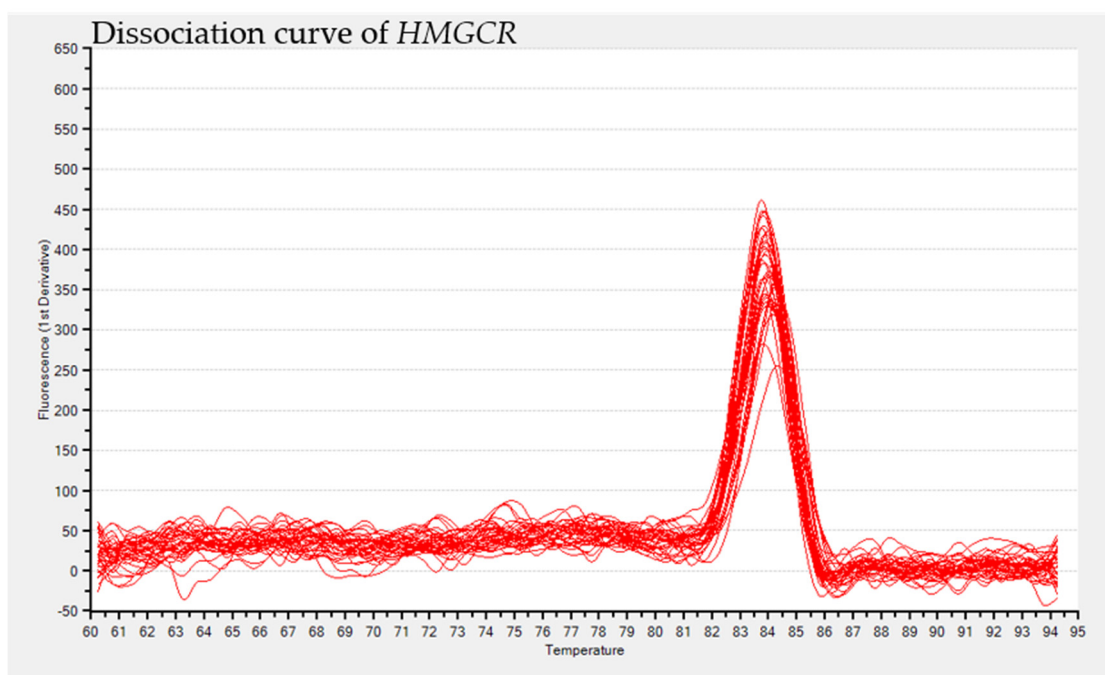


Figure S18. Dissociation curve of *HMGCR*.

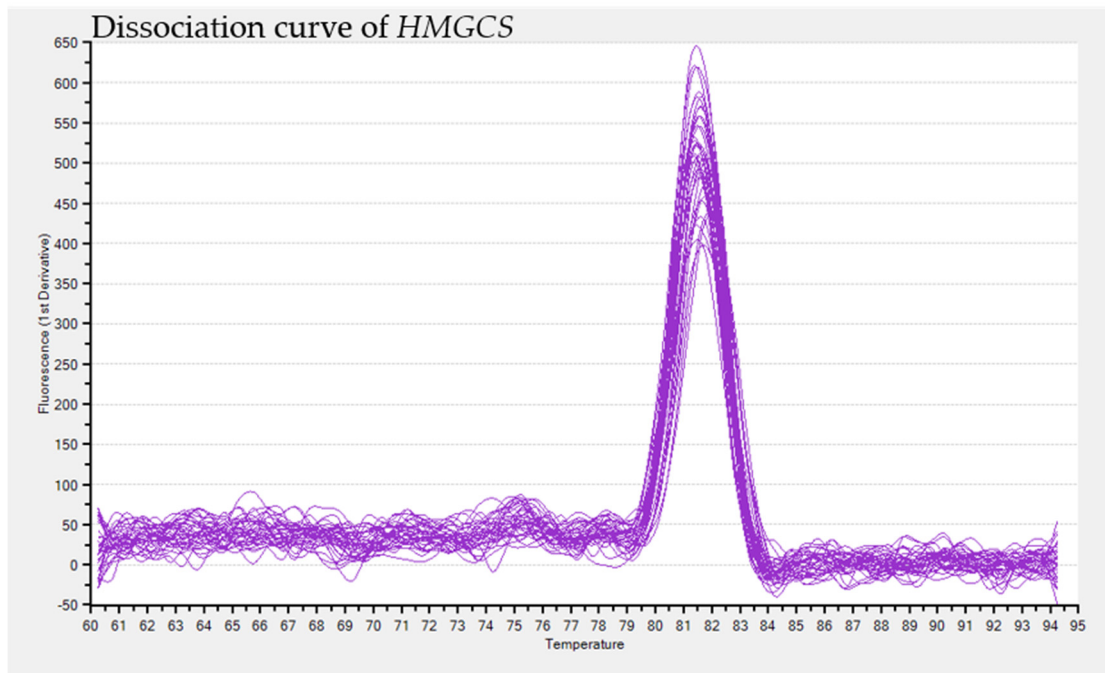


Figure S19. Dissociation curve of *HMGCS*.

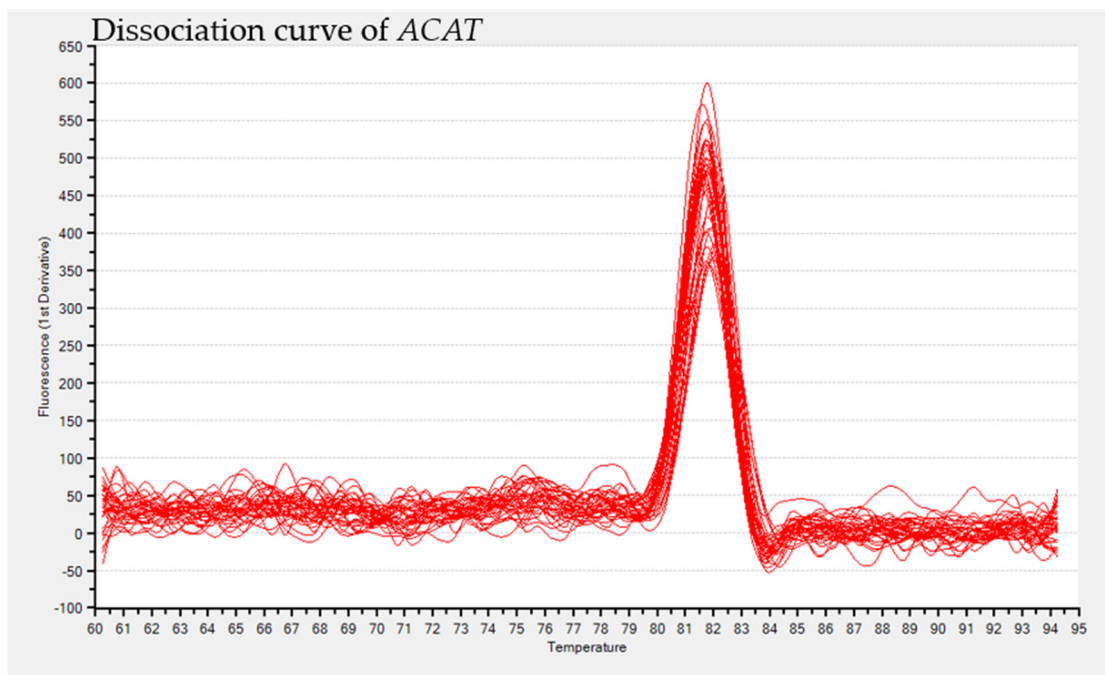


Figure S20. Dissociation curve of *ACAT*.

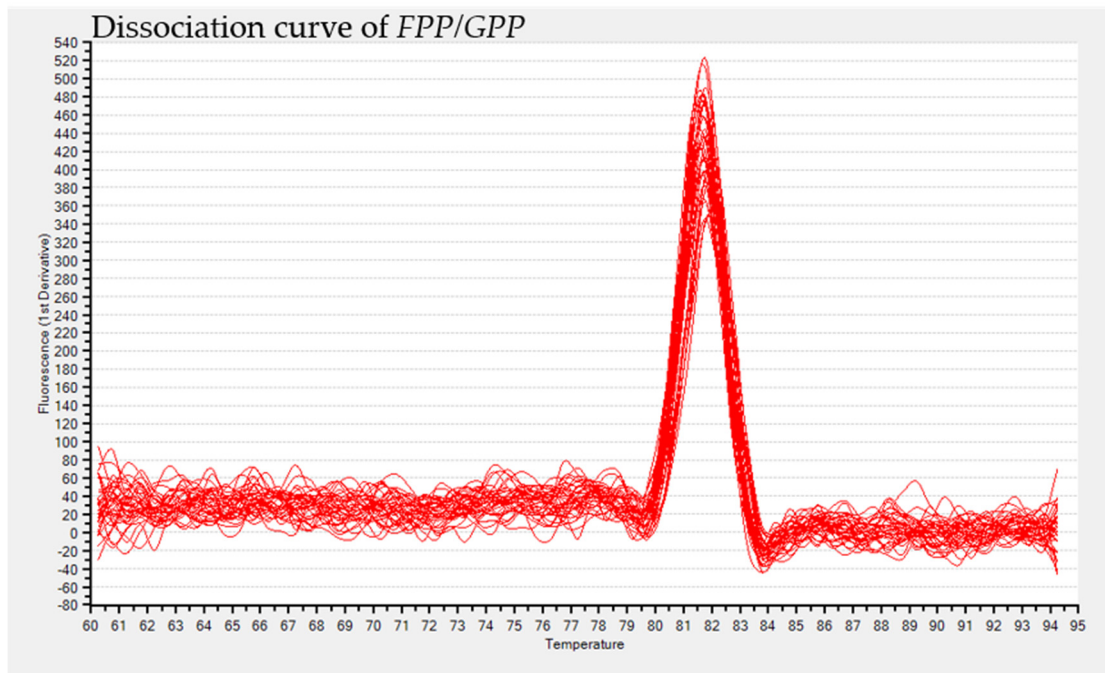


Figure S21. Dissociation curve of *FPP/GPP*.

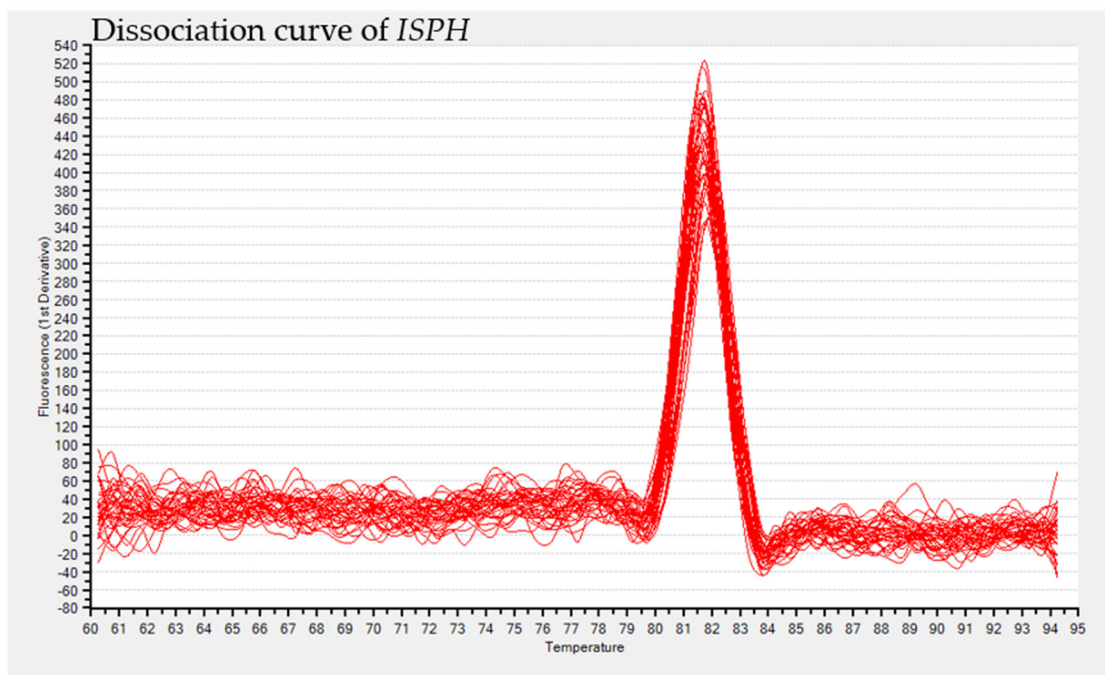


Figure S22. Dissociation curve of *ISPH*.

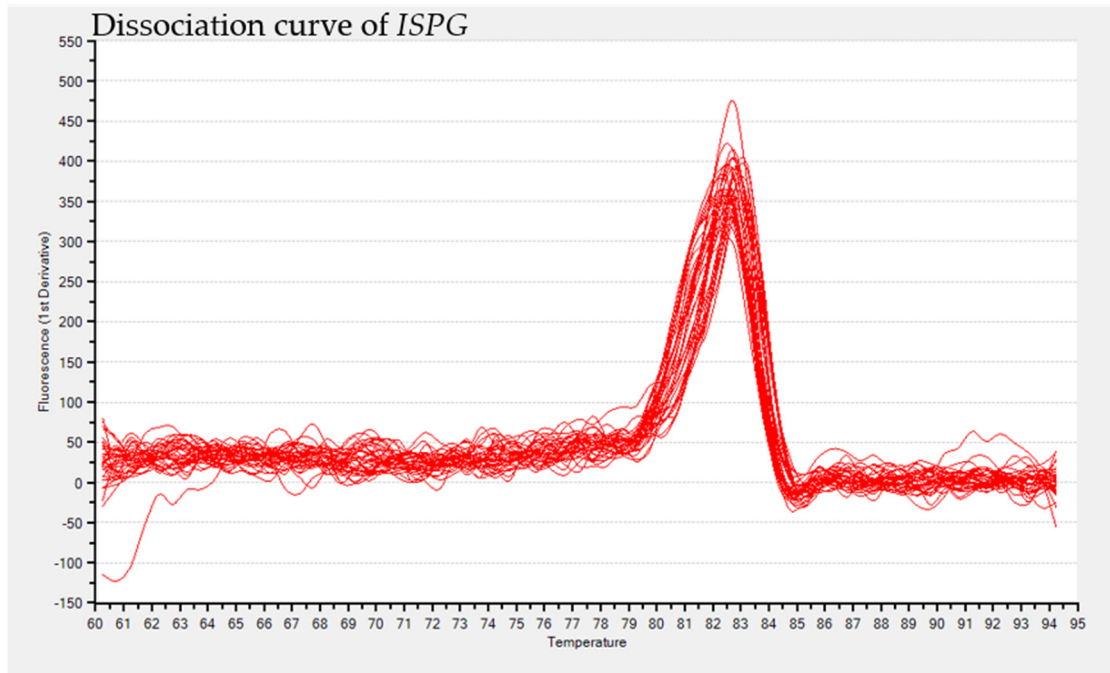


Figure S23. Dissociation curve of *ISPG*.

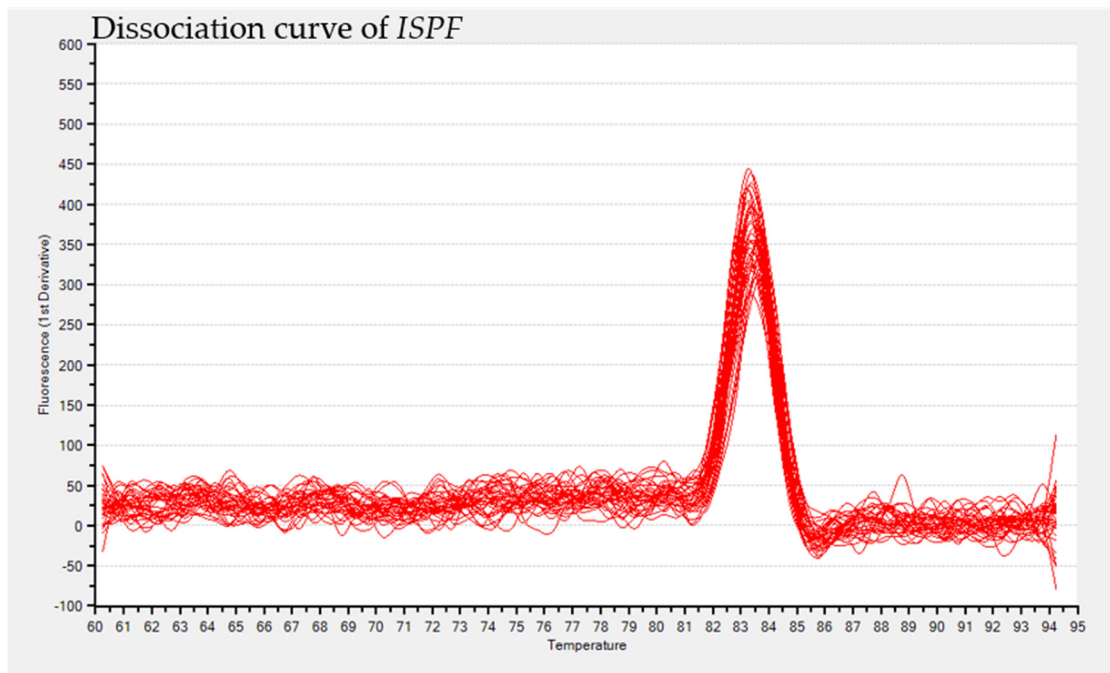


Figure S24. Dissociation curve of *ISPF*.

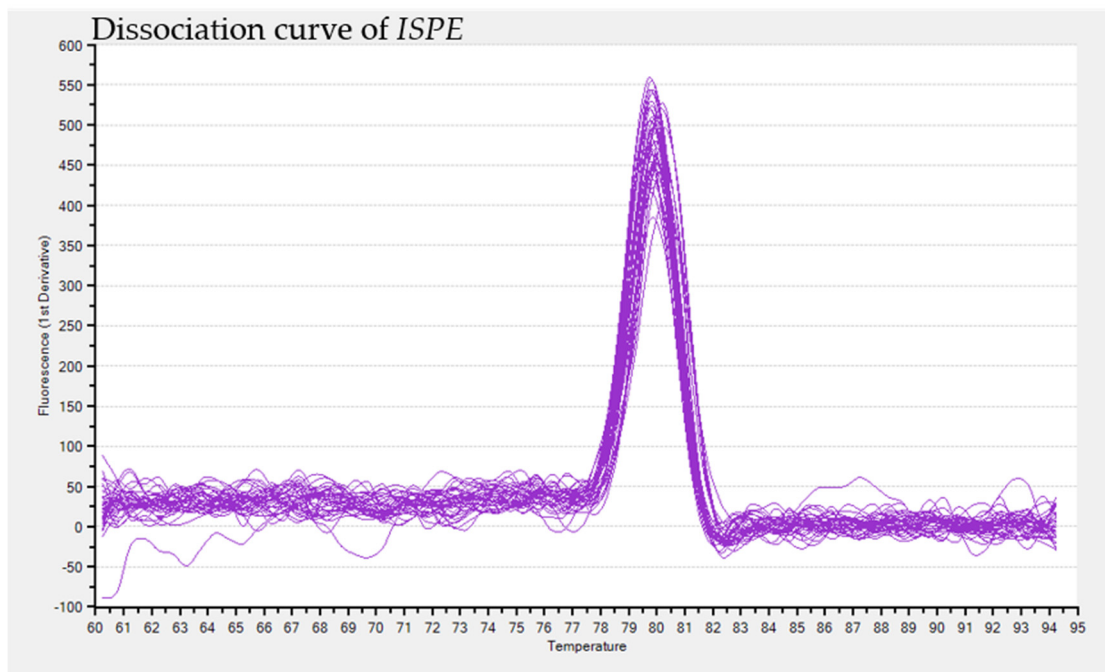


Figure S25. Dissociation curve of *ISPE*.

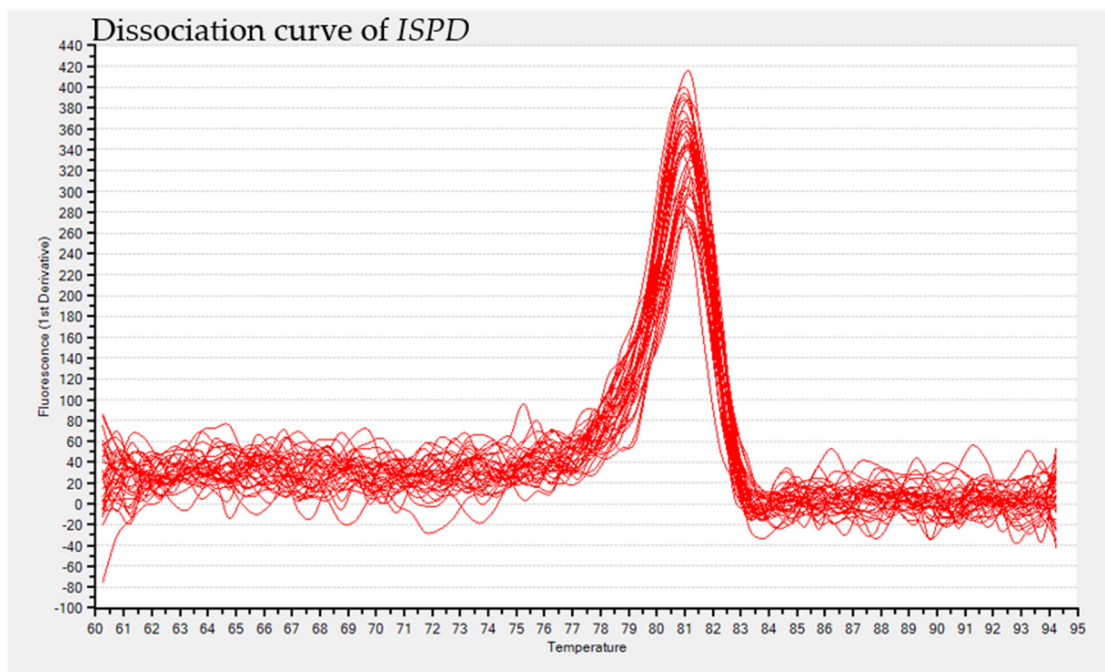


Figure S26. Dissociation curve of *ISPD*.

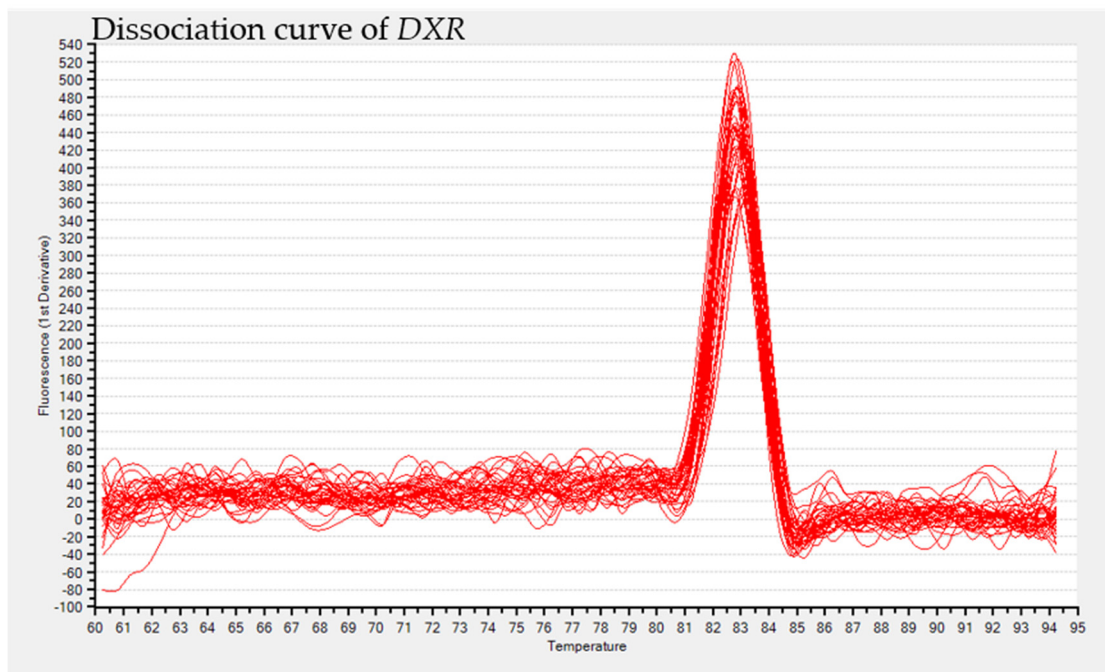


Figure S27. Dissociation curve of *DXR*.

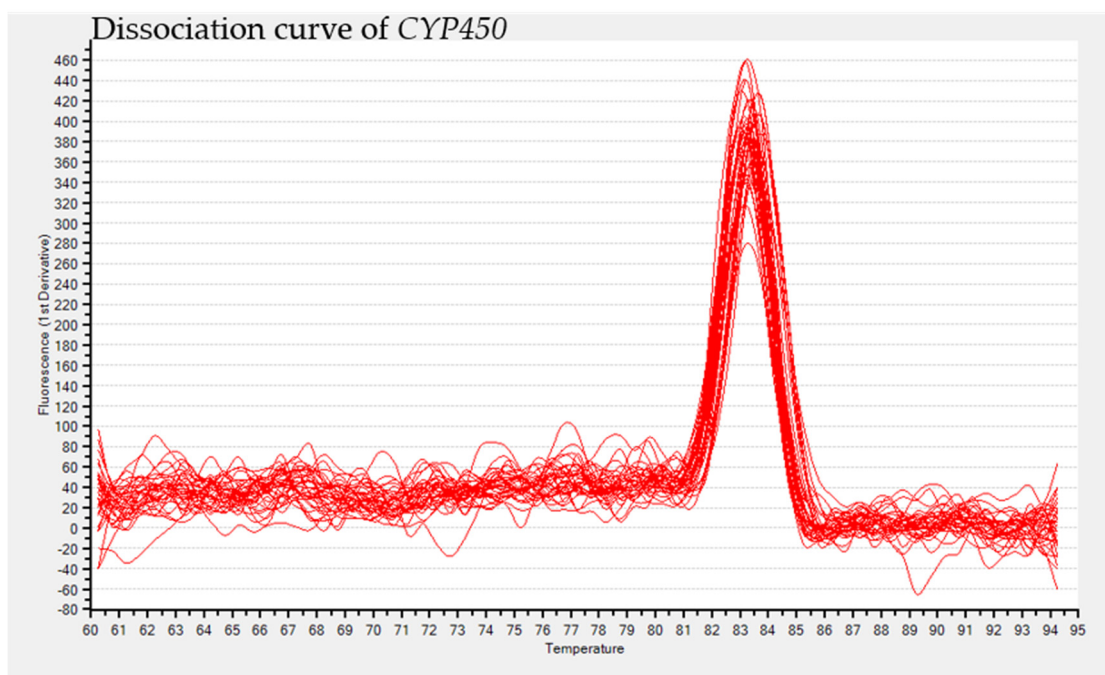


Figure S28. Dissociation curve of *CYP450*.