

**S1 Table. Primers used in this study**

Primer code	Primer	Sequence (5'-3') <sup>a</sup>	Relevant characteristics
P1	PdsreA_Up-F	GACTAGTCGCCGAAATGCCTACACC	PCR primers to amplify <i>PdsreA</i> upstream fragment for the construction of <i>PdsreA</i> deletion plasmid
P2	PdsreA_Up-R	CCGCTCGAGCGGTGACTACAGGCCAGGAGA	
P3	PdsreA_Down-F	GGGGTACCCCTTTGTCGCGAGTTCTTA	PCR primers to amplify <i>PdsreA</i> downstream fragment for the construction of <i>PdsreA</i> deletion plasmid
P4	PdsreA_Down-R	CGAGCTCGTGGATGAAGCTCAACAAG	
P5	PdsreB_Up-F:	CCGCTCGAGAATGCGGAAGTGTTGACC	PCR primers to amplify <i>PdsreB</i> upstream fragment for the construction of <i>PdsreB</i> deletion plasmid
P6	PdsreB_Up-R	GACTAGTAGCGGCGATTGACAGATA	
P7	PdsreB_Down-F	CGAGCTCTTTGTGGGTGGGAGGAGG	PCR primers to amplify <i>PdsreB</i> downstream fragment for the construction of <i>PdsreB</i> deletion plasmid
P8	PdsreB_Down-R	GGGGTACCGGTATGGCGGGATAGTCA	
P9	ddPdsreB_Up-F	CCC AAGCTTGGCAGAACTTGACAGCAT	PCR primers to amplify <i>PdsreB</i> upstream fragment for the construction of double deletion plasmid
P10	ddPdsreB_Up-R	ACGCGTTCGACGGTGAAGCCAATCCCATC	
P11	ddPdsreB_Down-F	CGGGATCCTTTGTGGGTGGGAGGAGG	PCR primers to amplify <i>PdsreB</i> downstream fragment for the construction of double deletion plasmid
P12	ddPdsreB_Down-R	GGGGTACCGTTTTGCTGGCAGTCGTG	
P13	PdSreA_in-F	GAAGCGAAAGACGAGCAG	PCR primers for identification of <i>PdsreA</i> deletion transformants
P14	PdSreA_in-R	GCAAGGGCACCTAGCATAT	
P15	PdsreA_uphphup-F	GTCCTTGCAGCACTAAATT	
P16	PdsreA_uphphup-R	TCGCCAACATCTTCTTCT	
P17	PdsreA_hphDD-F	ACCCGCTCGTCTGGCTAA	
P18	PdsreA_hphDD-R	CGCTCGGTTGAGTGGTGA	
P19	PdsreB_in-F	CTTCAGTGACCCATTTGC	PCR primers for identification of <i>PdsreB</i> deletion transformants
P20	PdsreB_in-R	TCTCCTGCTGGATACCAT	
P21	PdsreB_uphphup-F	GGGCTTTACTTTCTTCCA	

P22	PdsreB_uphphup-R	TTTCGGGTTTACCTCTTC	
P23	PdsreB_hphDD-F	AACCCGCTCGTCTGGCTAA	
P24	PdsreB_hphDD-R	TCCCTCCAAACTTGAGTAGAAC	
P25	ddPdsreB_upNeoup-F	TAGTGCCACGCCTCAACC	
P26	ddPdsreB_upNeoup-R	TGCCGAGAAAGTATCCATCA	PCR primers for identification of double deletion transformants
P27	ddPdsreB_NeoDD-F	TATCACGGGTAGCCAACG	
P28	ddPdsreB_NeoDD-R	TCCCTCCAAACTTGAGTAGAAC	
P29	CPSreA-F	CCAAGCTTGGCGCCAAGACATTGTGCGACAA	PCR primers to amplify full-length of PdsreA for the construction of PdsreA complementation plasmid
P30	CPSreA-R	GGGGTACCCTGGCTCTACAACCTAGAGATC	
P31	CPSreB-F	CCCAGCTTAGGGTGGATGACAGGTGA	PCR primers to amplify full-length of PdsreB for the construction of PdsreB complementation plasmid
P32	CPSreB-R	CGAGCTCCTGCCCGCTGTAGTTAGT	
P33	qCYP51A-F	CGCTTCTCGAGCCAAATACG	PCR primers for amplification of <i>CYP51A</i> gene for the expression levels analysis
P34	qCYP51A-R	CAGGCCGTATTTGATGAACTTCTT	
P35	qCYP51B-F	CACCCAAAGTCGTGCAAAGTAT	PCR primers for amplification of <i>CYP51B</i> gene for the expression levels analysis
P36	qCYP51B-R	TTGACAAACTTCTTCTGCTCCA	
P37	q2-actin-R	CCGCCAGACTCAAGACCAAGAAC	PCR primers for amplification of <i>actin</i> gene for the expression levels analysis
P38	q2-actin-F	TCCACTACTGCCGAGCGTGAAAT	
P39	q-ERG1-F	CAATATCCTCGCACAGGC	PCR primers for amplification of <i>ERG1</i> gene for the expression levels analysis
P40	q-ERG1-R	CAGATGAGAACCCAAATAGAAA	
P41	q-ERG6-F	AGGCAGCAGTGGATGAGT	PCR primers for amplification of <i>ERG6</i> gene for the expression levels analysis
P42	q-ERG6-R	AAATGGAAGGAGGAACCC	
P43	q-ERG24-F	CTATGTCGTGGGCTTACTG	PCR primers for amplification of <i>ERG24</i> gene for the expression levels analysis
P44	q-ERG24-R	CTTCTTCTCGCACTTCTCC	
P45	q-ERG2-F	TTTCTTCTCCGCCGTCTA	PCR primers for amplification of <i>ERG2</i> gene for the expression levels analysis
P46	q-ERG2-R	TTGAATACCCACTCCTCCTG	

P47	q- ERG5-F	ACCTGAAAGTCCGCAACG	PCR primers for amplification of <i>ERG5</i> gene for the
P48	q- ERG5-R	GGTAAGCCTCCTCATCGTG	expression levels analysis
P49	q-ERG25-F	GCCTGGTATGCTTGGATG	PCR primers for amplification of <i>ERG25</i> gene for the
P50	q-ERG25-R	AGCGATGGGACCTTGTTA	expression levels analysis
P51	q-ERG3-F	TTCCTGATTACTTGGCTGTT	PCR primers for amplification of <i>ERG3</i> gene for the
P52	q-ERG3-R	GGCGGTGTCGTAGAGTTT	expression levels analysis
P53	qPdsreA-F	CACCGAACGATCCACAGG	PCR primers for amplification of <i>PdsreA</i> gene for the
P54	qPdsreA-R	TGATAGACAGACGAGAACCC	expression levels analysis
P55	qPdSreB-F	CTGGGATTAGTGGCTTTT	PCR primers for amplification of <i>PdsreB</i> gene for the
P56	qPdSreB-R	GTTTGGTCGTCACTTTCG	expression levels analysis
P57	qPderg4A-F	CAGGAGATATCAAGGGTG	PCR primers for amplification of <i>ERG4A</i> gene for the
P58	qPderg4A-R	TGGTAATAGCTGGATCATAAC	expression levels analysis
P59	qPderg4B-F	GAGACGGGCGATGTGATT	PCR primers for amplification of <i>ERG4B</i> gene for the
P60	qPderg4B-R	CGGCGAAGAAGACAGGAT	expression levels analysis
P61	qPderg7-F	GCAGGAGTCGATTGAGGG	PCR primers for amplification of <i>ERG7 gene for the</i>
P62	qPderg7-R	TCTGTATTGCCGAAC TTCTTA	<i>expression levels analysis</i>
P63	qPderg8-F	AATAATAACCGCAAGGAAGC	PCR primers for amplification of <i>ERG8</i> gene for the
P64	qPderg8-R	GCGTGTTTCGCTGAATAAGG	expression levels analysis
P65	qPderg9-F	CTGCGGACAGATCGAGAA	PCR primers for amplification of <i>ERG9</i> gene for the
P66	qPderg9-R	ACAACGCCATAAGAGCC	expression levels analysis
P67	qPderg10A-F	GCTGTTATCAAAGCCAACG	PCR primers for amplification of <i>ERG10A</i> gene for the
P68	qPderg10A-R	GGAGCAAGGTGACGAGGA	expression levels analysis
P69	qPderg10B-F	CTTTCGACTACGAGATTGCC	PCR primers for amplification of <i>ERG37 gene for the</i>
P70	qPderg10B-R	CGGAGCTTCTCAGGGTTG	<i>expression levels analysis</i>
P71	qPderg12-F	TGCTCTGCACAGCGTTTA	PCR primers for amplification of <i>ERG12</i> gene for the
P72	qPderg12-R	AGGAAGCCGTGGTTGATA	expression levels analysis

P73	qPderg13-F	AGTCCTACGCTCGTATGCT	PCR primers for amplification of <i>ERG13</i> gene for the expression levels analysis
P74	qPderg13-R	TGGAGACCAGGGTTCACA	
P75	qPderg20-F	CCTGGATGCTTCTTATGG	PCR primers for amplification of <i>ERG20</i> gene for the expression levels analysis
P76	qPderg20-R	ACTTCCTTCTTCAGACCCT	
P77	qPderg26-F	CGTGCTATGTGGGCTTTG	PCR primers for amplification of <i>ERG26</i> gene for the expression levels analysis
P78	qPderg26-R	ACTGTCCGGGCAGTGAGA	
P79	qPderg27-F	GCCGTTTCTACTGAGGTCG	PCR primers for amplification of <i>ERG27</i> gene for the expression levels analysis
P80	qPderg27-R	TCTTCCCTCTTGTCTTTGGT	
P81	qPdhmg1-F	CAACGCTCATGCCTCTAA	PCR primers for amplification of <i>hmg1</i> gene for the expression levels analysis
P82	qPdhmg1-R	CAATGGTCCCACCTCAAT	
P83	qPdhyd1-F	GCGACCAGTTTGTGTTGAC	PCR primers for amplification of <i>hyd1</i> gene for the expression levels analysis
P84	qPdhyd1-R	GATGGTGGAGATACTGTGG	
P85	qPdidi1-F	GGGCATCAAGGCAGAGCA	PCR primers for amplification of <i>idi1</i> gene for the expression levels analysis
P86	qPdidi1-R	TCGGCTGAGACGTAGGTTGT	
P87	qPdmvd1-F	CGTCAGTGCCGAGAAGAA	PCR primers for amplification of <i>mvd1</i> gene for the expression levels analysis
P88	qPdmvd1-R	AGTTGCGGGTTTGAATGG	
P89	qPdsm1-F	TTCGTCACGCAAGATTCA	PCR primers for amplification of <i>smt1</i> gene for the expression levels analysis
P90	qPdsm1-R	GGGTAGATCCTGGCACAGA	

<sup>a</sup>The respective restriction enzyme sites included in primers are listed in lowercase in the sequence.

