

Supplementary Figures

Figure S1: Map of p426-*TAL1*

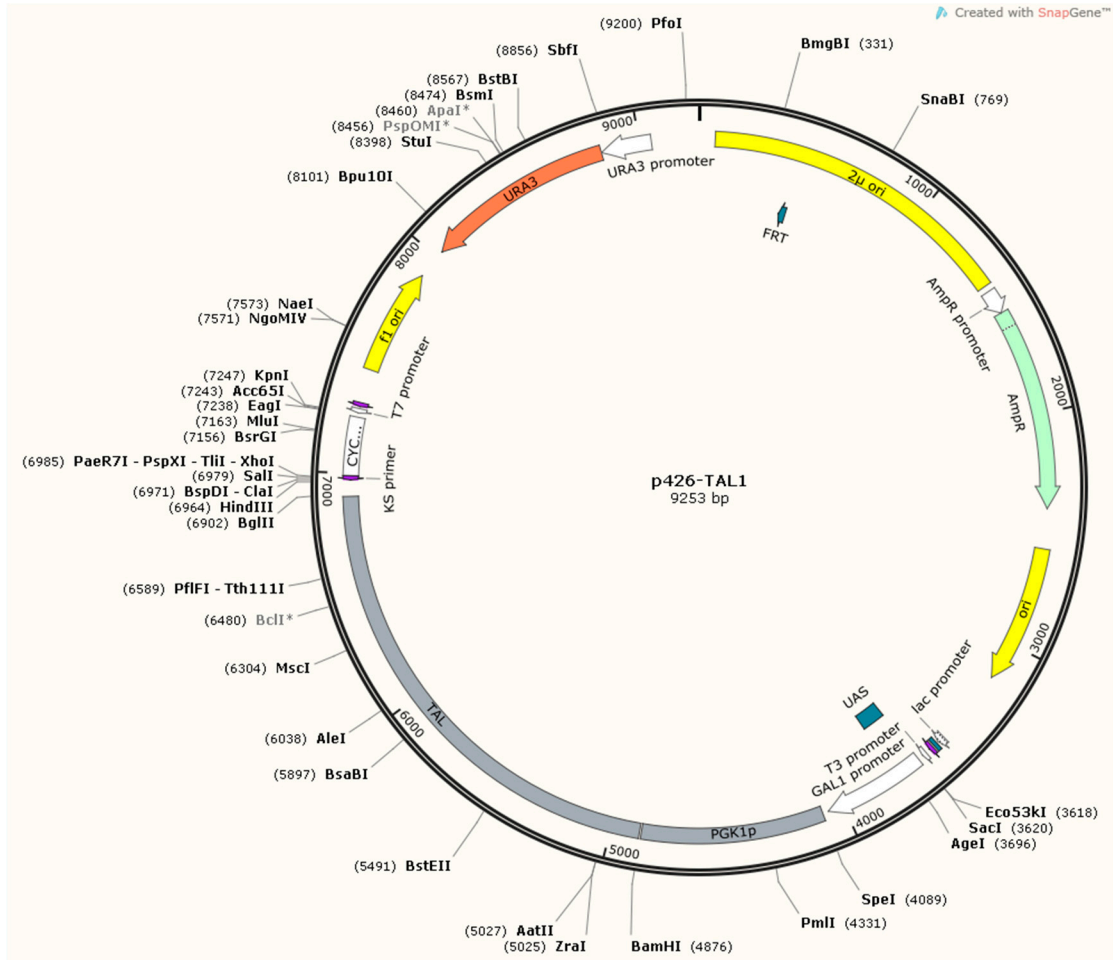
Figure S2: Map of p426-*4CL*

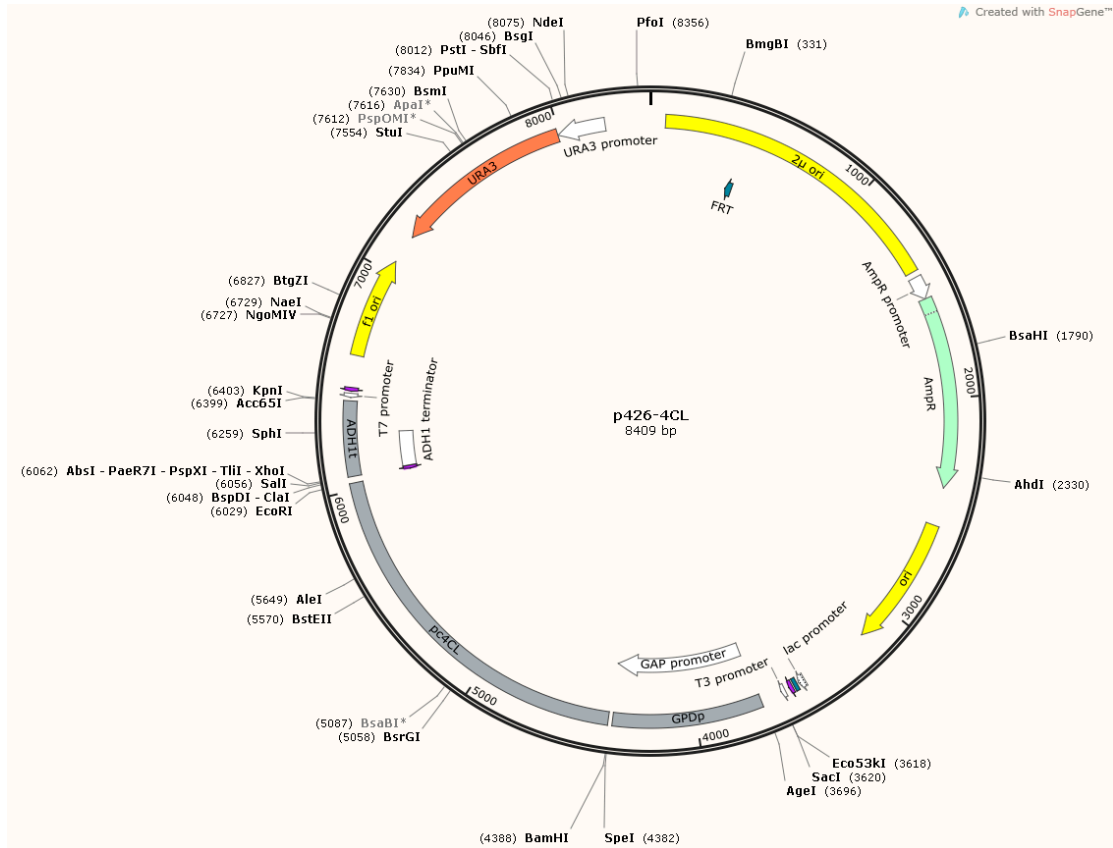
Figure S3: Map of p426-*STS*

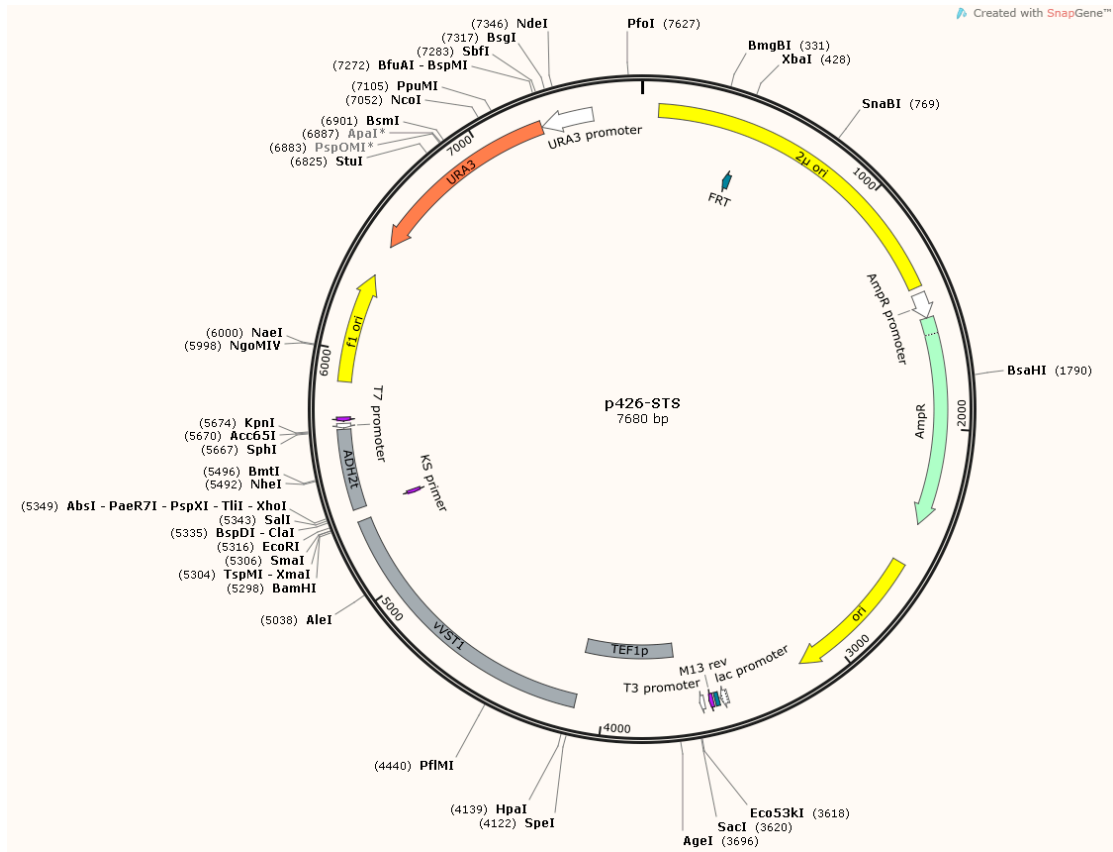
Figure S4: Map of p426-*TAL2*

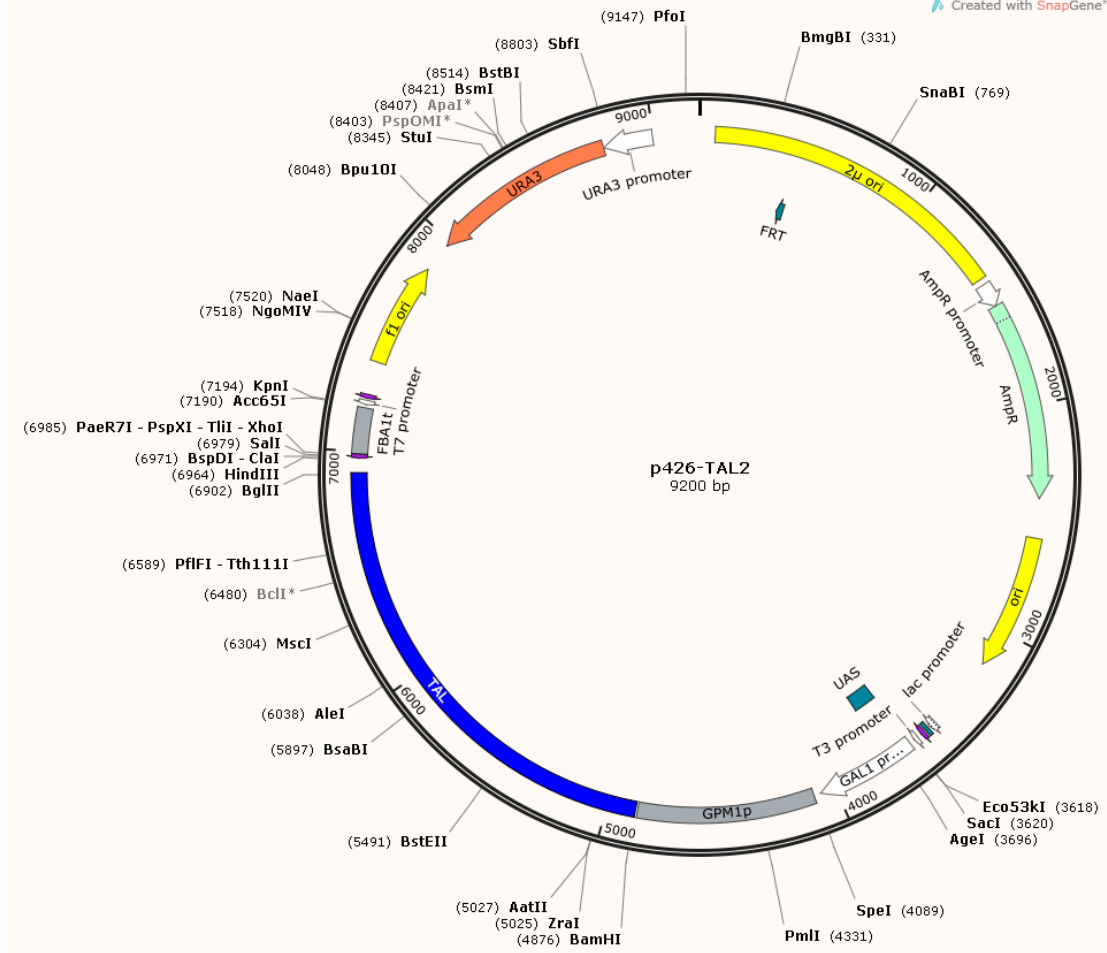
Figure S5: HPLC analyses the titer of resveratrol in rice wine by engineered strain HJ08 supplemented with and without tyrosine

Table S1: Codon-optimized sequence of the *RtTAL*, *Pc4CL* and *VvSTS* genes









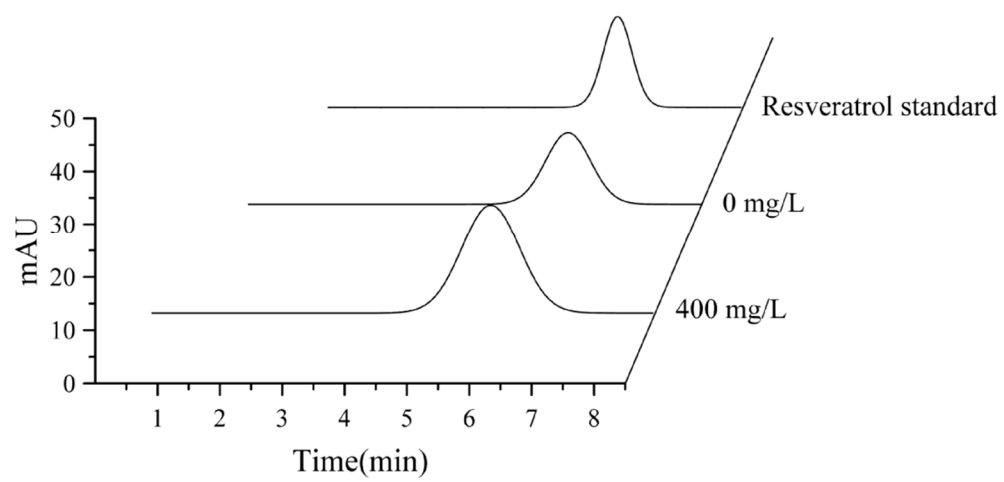


Table S1 Genetic sequence in this study

Key gene	Sequence
<i>RtTAL</i>	ATGGCTCCAAGACCAACTTCTCAATCCCAAGCTAGAACTTGTC CAACAACCTCAAGTCACTCAAGTTGATATTGTTGAAAAGATGTT AGCTGCTCCAACCTGATTCTACTTTAGAATTGGATGGTTATTCTT TAAACTTGGGTGACGTCGTTTCTGCTGCTAGAAAGGGTAGACC AGTTAGAGTTAAGGATAGTGATGAAATTAGAAGTAAAATTGAT AAATCTGTTGAATTTTGGAGATCCCAATTAAGTATGTCTGTTTAT GGTGTAACCTACTGGTTTTGGTGGTTCTGCTGACACTAGAACTG AAGATGCTATTTCTTTGCAAAAGGCTTTGTTAGAACACCAATTA TGTGGTGTTTTGCCATCTTCCTTTGATTTCCTTCAGATTAGGTAG AGGTTTAGAAAATTCATTGCCATTAGAAGTCGTTAGAGGTGCA ATGACTATTAGAGTTAACTCTTTAACTAGAGGTCCTCTGCTGT TAGATTAGTTGTCTTAGAAGCCTTGACTAACTTCCTTAATCATG GTATTACTCCAATTGTCCCATTGAGAGGTACTATTTCTGCTTCTG GTGACTTGTCTCCACTATCTTACATTGCTGCTGCCATTTCTGGT CACCTGATTCTAAAGTTCATGTTGTTTCATGAAGGTAAAGAAA AGATTTTGTACGCTAGAGAAGCTATGGCTTTGTTTAATTTGGAA CCAGTTGTCTTGGGTCCAAAAGAAGGTTTAGGTTTAGTAAATG GTACTGCTGTTTCCGCTTCAATGGCTACTTTAGCTTTACATGAT GCACATATGTTGTCATTATTGTCTCAATCCTTGACTGCCATGACT GTCGAAGCAATGGTTGGTCACGCAGGTTCTTTCCACCCATTTT TGCATGATGTTACTAGACCACATCCAACCTCAAATTGAAGTTGC CGGTAATATTAGAAAACCTATTGGAAGGTTCCAGATTGTCAGTTC ACCATGAAGAAGAAGTCAAGGTTAAAGATGATGAAGGTATCTT GAGACAAGATAGATATCCTTTGAGAACTTCACCACAATGGTTG GGTCCATTGGTTTCCGACTTGATTCATGCTCACGCTGTGTTAAC CATTGAAGCCGGTCAATCTACTACTGATAATCCATTGATTGATG TTGAAAATAAGACTTCCCACCATGGTGGTAATTTTCAAGCTGC AGCAGTTGCTAACACTATGGAAAAGACAAGATTGGGTTTAGCT CAAATTGGTAAATTGAACTTCACTCAATTGACTGAAATGTAA ATGCCGGTATGAATAGAGGTCTACCATCATGTTTGGCCGCTGAA GATCCATCATTAAGTTACCACTGTAAAGGTTTAGACATCGCCGC TGCTGCCTACACCTCTGAATTAGGTCATTTGGCTAATCCTGTTA CTACTCATGTTCAACCAGCTGAAATGGCCAACCAAGCTGTAA TTCCTAGCCTTGATTTCTGCTAGAAGAACTACCGAGTCTAAC GATGTCTTGTCTTTGTTATTGGCAACTCATTTGTACTGTGTTTTG CAAGCTATTGACTTGAGAGCTATTGAATTTGAGTTCAAGAAGC AATTTGGTCCTGCCATCGTTTCCTTGATTGATCAACACTTCGGT TCAGCTATGACTGGTTCTAACTTGAGAGATGAATTGGTTGAAA AGGTAAACAAGACTTTAGCAAAAAGATTGGAACAACTAATTC CTACGACTTGGTCCCAAGATGGCACGATGCTTTCTCTTTTGCCG CTGGTACTGTCGTTGAAGTTTTGTCTTCAACCTCTTTATCTCTA

Pc4CL

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