

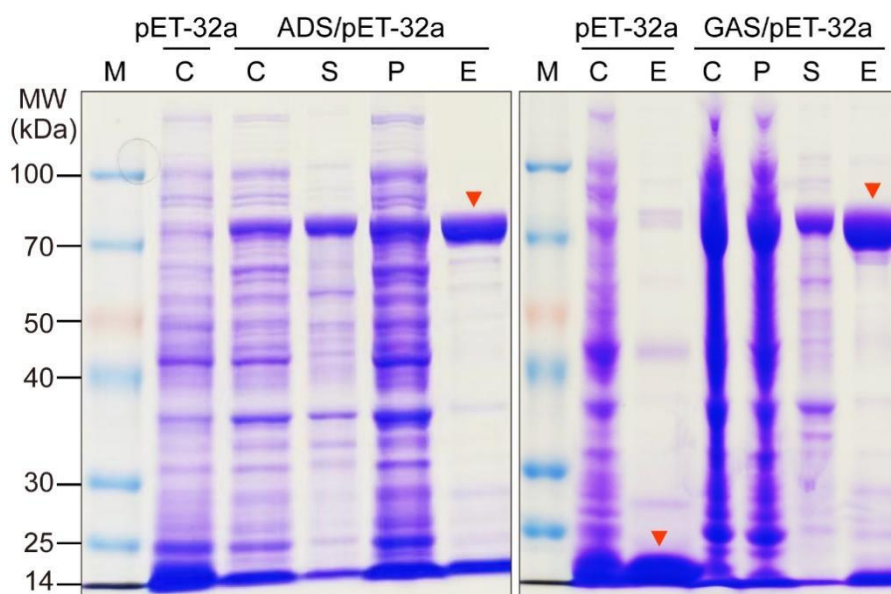
Supplementary Material

Functional analysis of CYP71AV1 reveals evolutionary landscape of artemisinin biosynthesis

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Supplementary Figure



Supplementary Figure 1. SDS-PAGE gels of ADS and GAS proteins. The prokaryotically expressed proteins were purified and subjected to SDS-PAGE gel electrophoresis. The crude (C), supernatant (S), pellet (P), eluate (E) proteins were showed. Red triangles mark the target bands of the indicated proteins.

Supplementary Table 1. Primers used in this investigation.

Gene	Primer Sequence (5'-3')
ADS	F: GCCATGGCTGATATCGGATCCATGTCACTTACAGAAGAAAAACC R: CAAGCTTGTCGACGGAGCTCTCATATACTCATAGGATAAACGAG
GAS	F: GCCATGGCTGATATCGGATCCATGGCAGCGGTTCAAGCTAA R: CAAGCTTGTCGACGGAGCTCTTACACGGGTAGAGAACCCAC
ScGAO	F: ACACACTAAATTACCGGATCCATGGAAGTCTCCTTCACCA R: AGATCCCCCGCAATTCTTAAAACTAGGTACCAAGTACC