

Supplementary Table S1. All the primers used in the present study.

Primer name	5'-3'	Target of Amplification
Q β -tubulin-F	ACGGCACGGGGAACATACTTG	qRT-PCR of β -tubulin
Q β -tubulin-R	TCGAGCGCATGAGCGTTTACT	
Q <i>CarRA</i> -F	GTTGCTTCCGGTCAAGAAATG	qRT-PCR of <i>CarRA</i>
Q <i>CarRA</i> -R	CCAGGACAGAGGAAGGTAGA	
Q <i>CarB</i> -F	GGAGTCAAACGACAGCATCTT	qRT-PCR of <i>Car B</i>
Q <i>CarB</i> -R	AGTACAACAACCGCATCCTTAC	
Q <i>Phr1</i> -R	GGACCGGCCTTTTCGATTATAC	qRT-PCR of <i>Phr1</i>
Q <i>Phr1</i> -F	GAGTGAGAAGTTTGACCCTGAC	
<i>Fawc2</i> -U-F (P7)	CTAAAGACAGGACAGGGACTC	Generation of knock-out cassette of <i>Fawc2</i>
<i>Fawc2</i> -U-R (P11)	CCACAGCTGCAGTCTAGAGCGGTTATCAAGGTTACGTTTGC	
<i>Fawc2</i> -Hph-F (F9)	GCAAACGTAACCTTGATAACCGCTCTAGACTGCAGCTGTGG	
<i>Fawc2</i> -Hph-R (F10)	CACATTTGCGACTGTCGAGTCGGGATCCGCTTAGACAAC	
<i>Fawc2</i> -D-F (P12)	GTTGTCTAAGCGGATCCCGACTCGACAGTCGAAATGTG	
<i>Fawc2</i> -D-R (P8)	GGGGTAATCAAAGCTCTCCT	
Hph-F (P5)	CGGCGTAGGGTTGTTCC	Identification of hygromycin in the $\Delta Fawc1$ or $\Delta Fawc2$
Hph-R (P6)	TGGCGACCTCGTATTGG	
<i>Fawc2</i> -F (P3)	ACTTTATCCGCTTTTCT	Identification target segment of <i>Fawc2</i>
<i>Fawc2</i> -R (P4)	GTTGTTGTTGACCTCCAC	
<i>Com-Fawc2</i> -F	CGATATCTCTAGAGGATCCTGGGTTTCCTTGGTTGAGAT	Construction of <i>Fawc2</i> complemented segment
<i>Com-Fawc2</i> -R	TGTCTACTGCTGGCCTAGTACTGTCCTGCTGTGGTTCG	
G418-F	GGAAGCGGTCAGCCCATTCTG	Identification of Geneticin in the $\Delta Fawc1$ -C or $\Delta Fawc2$ -C
G418-R	CCGTGTTCCGGCTGTCAGCG	
<i>Fawc1</i> -U-F (P7)	CTTGTGCCAAGTTGCCAGCAATC	Generation of knock-out cassette of <i>Fawc1</i>
<i>Fawc1</i> -U-R (P11)	CCACAGCTGCAGTCTAGAGCGGCGACAGCATCTGGCTGGAA	
<i>Fawc1</i> -Hph-F (F9)	TTCCAGCCAGATGCTGTCGCCGCTCTAGACTGCAGCTGTGG	
<i>Fawc1</i> -Hph-R (F10)	ATGAATCACGCCCAACGCCGGGATCCGCTTAGACAAC	
<i>Fawc1</i> -D-F (P12)	GTTGTCTAAGCGGATCCCGGCGTTGGGCGTGATTTCAT	
<i>Fawc1</i> -D-R (P8)	GGAAGCCACTGACGTCAATC	
<i>Fawc1</i> -F (P3)	TGCCTCTGTTTCCTCCTGA	Identification target segment of <i>Fawc1</i>

<i>FawcI</i> -R (P4)	CACGGATGAGGACAGTTAAG	
<i>Com-FawcI</i> -F	GATCCTCTAGGTACCCGGGGATCCCTCAAGTCCCTAGGTTTCCC	Construction of <i>FawcI</i> complemented segment
<i>Com-FawcI</i> -R	GGCCATCTCGAGCGGGATCCGAGATTGGCTTGTCTCGCG	
<i>FawcI</i> -C ^{ΔLOV} -F	TAGTTGCTACGCGCAAAAACGGTGCCGTGTATAACCTGAA	Generation of knock-out LOV domain in the <i>FawcI</i>
<i>FawcI</i> -C ^{ΔLOV} -R	TTCAGGTTATACACGGCACCGTTTTTGCGCGTAGCAACTA	
<i>FawcI</i> -C ^{ΔZn} -F	GCGTAAGAGAAGAAAAGGGAGTCGGCGATTCTCGAAGCAAGAAGTC	Generation of knock-out ZnF domain in the <i>FawcI</i>
<i>FawcI</i> -C ^{ΔZn} -R	GACTTCTTGCTTCGAGAATCGCCGACTCCCTTTCTTCTCTTACGC	
<i>FawcI</i> -F	ATGGATGGCTTCTACTCC	Amplify <i>FawcI</i> fragment in the <i>FawcI</i> -C ^{ΔLOV} or <i>FawcI</i> -C ^{ΔZn} for sequencing
<i>FawcI</i> -R	TCAAGATTGGCTTGTCTC	