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(1. 066004 2. 066004 3. 066004)

## Integrated Transcriptome and Metabolome Analysis Reveals Key Regulatory Pathways Underlying Delayed Female Corolla Opening in Cucumber

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1 DEGs

Table 1 Validation primers for expression levels of DEGs related to delayed opening of cucumber female flower corollas

ID	Forward sequence (5'-3')	Reverse sequence (5'-3')
<i>Csactin</i>	ATTGTTCTCAGTGGTGGTTCTAC	CCTTGAGATCCACATCTGCT
Csa03g1174	GAGTGTCAGCGTGTGAGTGA	GAGCATTCTCCTTGGCCTGT
Csa02g0003	AGCCTGGCTGCTCAAATGAT	ATGCGTTGACTGTGGTTTGC
Csa06g2749	TTCCGAGTGCTATTTGGGGT	CCAACCCGGTATCGAACCAA
Csa07g1708	TCGGAAGCAGTGAATTGGGT	GACAAGGTCATCGTACCGA
Csa02g0970	GGAGAAAGGAAACGGTGGCA	TGGCCAAGGCATCAGAAAAGT
Csa07g1897	CAATGGCCCCCTGATGAACT	CTGCAACAACCTTCTGGTGGC
Csa06g0978	AAAGCCGACGAAATCCAACG	TGGCGAATCAGTAGGGACAAC
Csa02g3975	GGTGGCCGTTTTGGAGATCA	TCCATGACTCAATGGGTGGC
Csa06g2748	CTGAGTAGAACC GCCAGTCG	AGGAAGTGAATGGCACGGAG
Csa03g1196	GGTTAGCCGCAAAATGGTCA	GATCGACGGTAACTCCTGGC
Csa03g1197	CCGGCCTCGATGAAAATAA	TGGCCATCCCAATCTGAG
Csa07g1709	GTCGCACCGAATCAAAGTCG	TTCCCAACGTCAGAAACGCT
Csa06g2376	CTCAATTGGGGTTTGGCTGC	GCAATAGCAGCCACCTGAGA
Csa04g3140	CCCAGTCGGAGTTTGGCTT	CGCCAGACACAGGGTTTTTG
Csa06g2378	CGGCAGCAATTATGGAGCAC	CTTGAGGGGTGAAGTGTCCC
Csa05g0474	CTTTAGTGAACGGGAATGGC	GAGGACATGCCTCCAAAAGC
Csa01g0987	AGAGAATGCCCTGGAGTTGT	TTCATTGTGGTCTGGAAGATACTC
Csa06g3566	TTGGAGCCTTCAGTGCCAAA	CCTGAGCCCAAGCGCTATTA
Csa05g1866	TGGCAAACCTACTCCGACA	GTTTCGTGCTCCCTCGGATAG