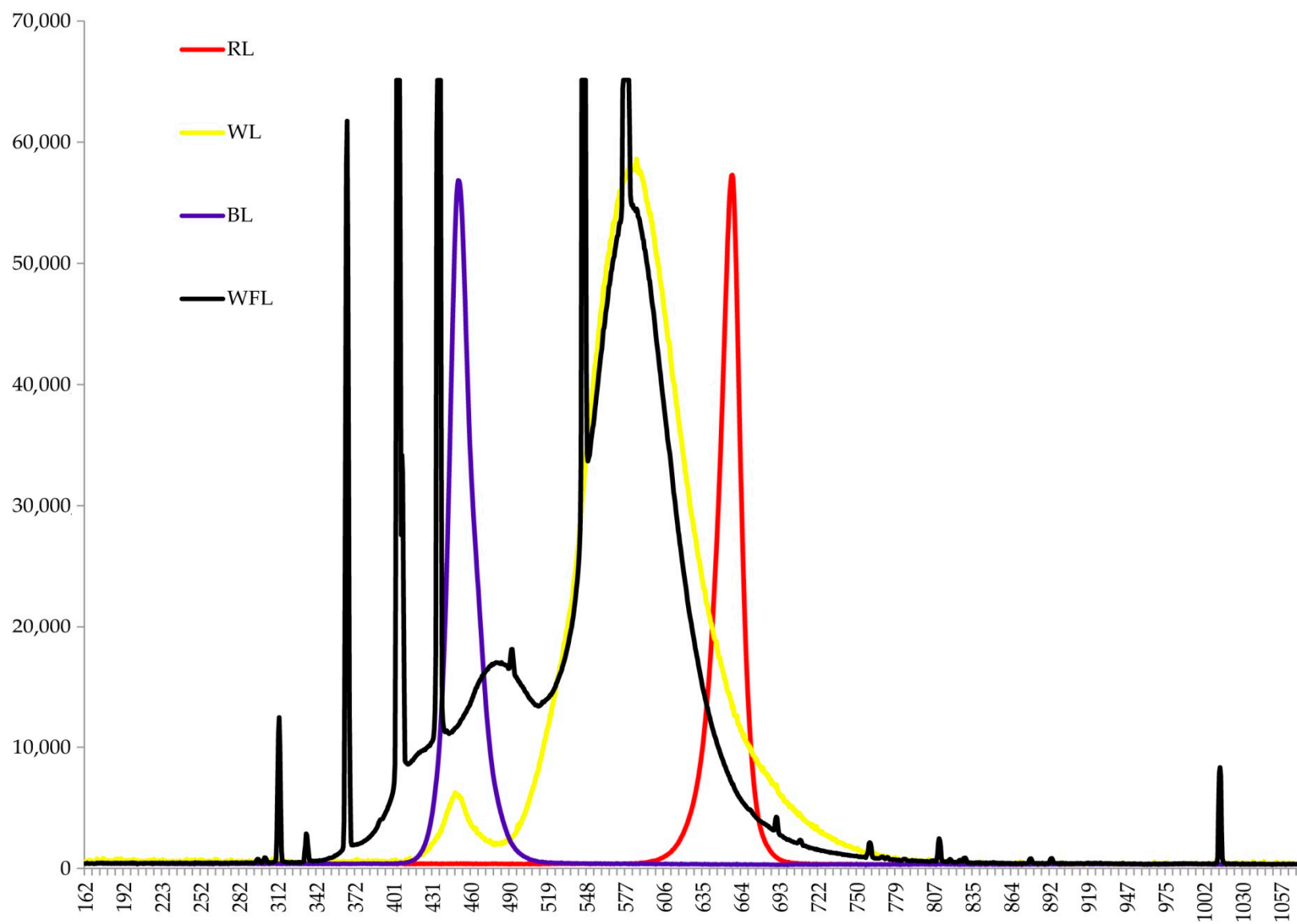


Table S1. Primers for qRT-PCR analysis

	Gene Bank ID	Gene description	Gene	Primer 5'-3'	
				forward	reverse
1	B0ZQ68 (uniprot.org)	4-coumarate-CoA ligase	<i>4CL</i>	AAACTGGCGAGTCTCTACCG	ATTGTAGCGCCGTGGATTC
2	A0A023W7L9 (uniprot.org)	cinnamate 4-hydroxylase	<i>CH4</i>	ATTCGGGAACTGTTGCAGG	TGGCGAGATCGGGAGATGAA
3	MA_407452g0010 (congenie.org)	Phytoene synthase	<i>PSY</i>	TCAAGATGAGCTTGCACGGA	ACCGGCCATCTACTGGTTTT
4	MF395340.1 (ncbi.nlm.nih.gov)	bHLH transcription factors	<i>MYC</i>	AAAAGGCCCCGGAAAAGAGG	TTGGTACCACAGCACGAAGC
5	EF083399.1 (ncbi.nlm.nih.gov)	Jasmonate-Zim domain 1	<i>JAZa</i>	GGTGAACGTGTATGATGATATTCC	CGTTGCAGAGAATGCTTCCTC
6	GIL001669683.1 (ncbi.nlm.nih.gov)	Jasmonate-Zim domain 2	<i>JAZb</i>	ATGCTGCTCGCTGATAGTG	CGCCAGAAGTCTGAAGAGA
7	EF084624.1 (ncbi.nlm.nih.gov)	Pathogenesis-related protein 1	<i>PR1</i>	GCACTCTGGTGGTCAATACG	CACCCGAGCCTCTTGGAA
8	MZ222278.1 (ncbi.nlm.nih.gov)	Pathogenesis-related protein 5	<i>PR5</i>	CCTGCGTTGCTTCAATAC	GCAAGTGAAGGTGCTGGT
9	BN000697.1 (uniprot.org)	leucoanthocyanidin reductase	<i>LAR</i>	TACAACGCCGAGAACAACCA	TTTCACACTGGCCTCTGCAA
10	Q8RUZ3 (uniprot.org)	phenylalanine ammonia-lyase	<i>PAL</i>	ATTGAAATGAGCGGAGCCGA	CACACAATGGAAGCCAGTGC
11	CBB44933.1 (uniprot.org)	Actin 1	<i>ACT1</i>	TTAGCAACTGGGATGACATGGA	CCTGAATGGCAACATACATAGCA



**Figure S1.** Emission spectra of various light sources used in the experiment.