**Table S1** List of primers used for qRT-PCR analyses of genes involved in auxin biosynthesis and polar auxin transport in Arabidopsis (*Arabidopsis thaliana* (L.) Heynh.) Col-0

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene name** | **GenBank™ accession number** | **Sequence (5'→3')** | **Amplified product size (bp)** |
| *TAA1* | NM\_105724.3 | F: ATCTTACCCTGCGTTTGCGTR: GCTGACTCGGACATGCTTCT | 130 |
| *TAR2* | NM\_202879.2 | F: TCGTTTCCAAGGTCTGCCATR: GCCACAGTGAAAGGATCGCTA | 194 |
| *YUC3* | NM\_100340.4 | F: ATTTTGGCGGCGATGTTCTCR: TGGGTTTGCTCCGTGATTGT | 137 |
| *YUC4* | NM\_121170.3 | F: TAACGAGGAACGGGGCAAAGR: CGGCGTTTTTGGCATTCCT | 143 |
| *YUC6* | NM\_122473.3 | F: AGGGTTCTTGTCGTCGGATGR: TGGGCAGCCATTTCAGTAAGA | 172 |
| *YUC8* | NM\_119016.3 | F: ATCAACCCTAAGTTCAACGAGTG R: GAAAACTCAGAAAGACCATCAATC | 193 |
| *PIN1* | NM\_106017.3 | F: TCAAGGCTTATCTGCGACACR: AGTTAGAGTTCCGACCACCA | 155 |
| *PIN2* | NM\_125091.3 | F: TCTTGTTTGAGTTCCGTGGGR: TTCCGTCGTCTCCTATCTCC | 153 |
| *PIN3* | NM\_105762.2 | F: ATTGTGCCCTTTGTGTTTGCR: TAAACCAGCGTGATCGGAAG | 104 |
| *PIN7* | NM\_001084115.1 | F: AAATGCTGGTCCGATGAACGR: CTGCTGTGGAGTTACACCGA | 104 |
| *AUX1* | NM\_129368.2 | F: GTTGAATGCTTTCGTGGTGGR: CGATCTCTCAAAGACGGTGG | 188 |
| *LAX3* | NM\_106418.3 | F: CTTACCTTTGCTCCTGCTCCR: GACCATACTTGCCCATCCTC | 153 |
| *ABCB1* | NM\_129247.2 | F: AGATCATGCTGCTTGACGAGR: AGCCTATGAGCCACGACTAT | 118 |
| *ABCB4* | NM\_130268.3 | F: GTGCTCTTGACGCTGAGTCTR: CTTTCTCAACGATGACGCCG | 153 |
| *ABCB19* | NM\_113807.2 | F: ACCCGTTTGAGCCATTCACTR: TTCAGGGGCACGAGTCTTTC | 150 |
| *ACT7* | NM\_121018.4 | F: ACAGGAAATGCTTCTAAGTGTGTCTR: ACACAAGACTTCTTGACACAACCA | 171 |

*ABCB* (*ATP-BINDING CASSETTE-B*), *ACT7* (*ACTIN 7*), *AUX1* (*AUXIN RESISTANT 1*), *LAX3* (*AUXIN TRANSPORTER-LIKE PROTEIN 3*), *PIN (PIN-FORMED),* *TAA1* (*TRYPTOPHAN AMINOTRANSFERASE OF ARABIDOPSIS 1*), *TAR2* (*TRYPTOPHAN AMINOTRANSFERASE RELATED 2*), *YUC* (*FLAVIN-BINDING MONOOXYGENASE*)