**Table S2 The accession numbers of the AtLBD proteins used for ML phylogenetic tree construction**

| Species | Gene Name | Accession no. | Database |
|---|---|---|---|
| *Arabidopsis thaliana* | *AtLBD1* | AT1G07900.1 | TAIR |
| | *AtLBD2* | AT1G06280.1 | TAIR |
| | *AtLBD3* | AT1G16530.1 | TAIR |
| | *AtLBD4* | AT1G31320.1 | TAIR |
| | *AtLBD5* | AT1G36000.1 | TAIR |
| | *AtLBD6* | AT1G65620.1 | TAIR |
| | *AtLBD7* | AT1G72980.1 | TAIR |
| | *AtLBD8* | AT2G19510.1 | TAIR |
| | *AtLBD9* | AT2G19820.1 | TAIR |
| | *AtLBD10* | AT2G23660.1 | TAIR |
| | *AtLBD11* | AT2G28500.1 | TAIR |
| | *AtLBD12* | AT2G30130.1 | TAIR |
| | *AtLBD13* | AT2G30340.2 | TAIR |
| | *AtLBD14* | AT2G31310.1 | TAIR |
| | *AtLBD15* | AT2G40470.1 | TAIR |
| | *AtLBD16* | AT2G42430.1 | TAIR |
| | *AtLBD17* | AT2G42440.1 | TAIR |
| | *AtLBD18* | AT2G45420.1 | TAIR |
| | *AtLBD19* | AT2G45410.1 | TAIR |
| | *AtLBD20* | AT3G03760.1 | TAIR |
| | *AtLBD21* | AT3G11090.1 | TAIR |
| | *AtLBD22* | AT3G13850.1 | TAIR |
| | *AtLBD23* | AT3G26620.1 | TAIR |
| | *AtLBD24* | AT3G26660.1 | TAIR |
| | *AtLBD25* | AT3G27650.1 | TAIR |
| | *AtLBD26* | AT3G27940.1 | TAIR |
| | *AtLBD27* | AT3G47870.1 | TAIR |
| | *AtLBD28* | AT3G50510.1 | TAIR |
| | *AtLBD29* | AT3G58190.1 | TAIR |
| | *AtLBD30* | AT4G00220.1 | TAIR |
| | *AtLBD31* | AT4G00210.1 | TAIR |
| | *AtLBD32* | AT4G22700.1 | TAIR |
| | *AtLBD33* | AT5G06080.1 | TAIR |
| | *AtLBD34* | AT5G15060.1 | TAIR |
| | *AtLBD35* | AT5G35900.1 | TAIR |
| | *AtLBD36* | AT5G66870.1 | TAIR |
| | *AtLBD37* | AT5G67420.1 | TAIR |
| | *AtLBD38* | AT3G49940.1 | TAIR |
| | *AtLBD39* | AT4G37540.1 | TAIR |
| | *AtLBD40* | AT1G67100.1 | TAIR |
| | *AtLBD41* | AT3G02550.1 | TAIR |

**Table S2 The accession numbers of the AtLBD proteins used for ML phylogenetic tree construction**

| Species | Gene Name | Accession no. | Database |
|---|---|---|---|
| *Arabidopsis thaliana* | *AtLBD42* | AT1G68510.1 | TAIR |
| | *AtLOB* | AT5G63090.1 | TAIR |