**Supplementary Table 1** – DUF247/SP/ZP annotations from other species used for expression analysis

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| --- | --- |
| **Species/Gene** | **Gene ID** |
| *S.bicolor* |  |
| ZDUF\_4 | SORBI\_3006G239500 |
| ZSP | SORBI\_3006G239600 |
| ZDUF\_1 | SORBI\_3006G239700 |
| SSP | SORBI\_3010G144600 |
| SDUF\_2 | SORBI\_3010G144700 |
| *B.distachyon* |  |
| SSP | BRADI\_2g35747v3 |
| SDUF\_3 | BRADI\_2g35750v3 |
| ZDUF\_1 | BRADI\_5g23930v3 |
| ZDUF\_4 | BRADI\_5g23932v3 |
| ZDUF\_4 | BRADI\_5g23934v3 |
| ZSP | BRADI\_5g23936v3 |
| *T.aestivum* |  |
| SSP\_A | TRIAE\_CS42\_1AS\_TGACv1\_019080\_AA0060120.1 |
| ZSP\_A4 | TRIAE\_CS42\_2AL\_TGACv1\_093422\_AA0279940.1 |
| SSP\_B | TRIAE\_CS42\_1BS\_TGACv1\_050274\_AA0170030.1 |
| ZSP\_D | TRIAE\_CS42\_2DL\_TGACv1\_158770\_AA0525890.1 |
| ZSP\_A1 | TRIAE\_CS42\_2AL\_TGACv1\_093422\_AA0279950.1 |
| ZSP\_B | TRIAE\_CS42\_2BL\_TGACv1\_131656\_AA0430330.2 |
| SDUF\_3A | TRIAE\_CS42\_1AS\_TGACv1\_020886\_AA0080330.1 |
| SDUF\_2B | TRIAE\_CS42\_1BS\_TGACv1\_049813\_AA0161970.1 |
| ZDUF\_4B | TRIAE\_CS42\_2BL\_TGACv1\_130467\_AA0412090.1 |
| SDUF\_2D | TRIAE\_CS42\_1DS\_TGACv1\_081396\_AA0260520.3 |
| SDUF\_3D | TRIAE\_CS42\_1DS\_TGACv1\_081196\_AA0258610.1 |
| *O.sativa* |  |
| ZDUF\_1 | LOC\_Os04g55390.1 |
| ZDUF\_4 | LOC\_Os04g55370.1 |
| ZSP | LOC\_Os04g55380.1 |
| SDUF\_2 | LOC\_Os05g10920.1 |
| SDUF\_3 | LOC\_Os05g10900.1 |
| SSP | LOC\_Os05g10910.1 |