Supplemental Table 1. The comparison of Arabidopsis and rice esv1 mutant phenotypes.

| esv1 mutant phenotype | Arabidopsis | Rice |
|-----------------------|-------------|------------------------------------|
| Leaf | Normal | Reduced |
| Root tip | Absent | Absent |
| Hypocotyl endodermis | Absent | - |
| Grain | - | Reduced Loosely packed granules |