Figure S1. Four weedy rice accessions collected from different regions: (A) WD032-1, (B) WD046-2, (C) WD060-2, and (D) WD082-2.

**A. WD032-1**  
**Trait:** Long awn (white with red tip color), plant high deep water

**Location:** Roadside at Phang Khon district, Sakon Nakhon Province

**B. WD046-2**

**Trait:** Long awn (white with red tip color)

**Location:** Marshes at Mueang Nong Bua Lam Phu district, Nong Bua Lam Phu Province

**C. WD060-2**

**Trait:** Long awn (white with red tip color)

**Location**: Paddy field at Sikhoraphum district, Surin Province

**D. WD082-2**

**Trait:** medium long awn (white with red tip color) with short plant

**Location:** Buffalo swamp at Phon Thong district, Roi-Et Province