



**Figure S1.** Gene expression analysis of predicated candidate genes among the different soybean tissues and development stages from four major and stable QTLs (A) *qPro-7-1*, (B) *qOil-8-3*, (C) *qOil-10-2* and (D) *qOil-10-4*; youngleaf—Young leaf; Onecmpod—1 cm of pod; PS—Pod shell; DAF—Days After flowering; S—Seed.