

**Online Resource 6** Comparison of exon-intron architectures of sigma and omega class GST genes from *F. hepatica*. Protein-coding regions are shown as boxes, and intervening introns are demonstrated by solid thin lines. The lengths of exons and introns in base pairs are presented at the corresponding positions. Of note is the N terminal extension in exon 1 of FhGST-S2. FhGST-S1 (Scaffold 1081), FhGST-S2 (Scaffold 1104), FhGST-O1 (Scaffold 1029) and FHGST-O2 (Scaffold 50)