

Additional Data File 9. Functional classifications of the proteins of *Oj* and two close relatives, *On* and *Og*.

The classifications of mapped and unmapped BESs of *On* and *Og* were derived from nr proteins that were homologous to the mapped and unmapped BESs (see Methods in the main text). Protein categories were based on the molecular functions of the Gene Ontology (GO) hierarchy.

