

## S2 Figure. Predicted order and disorder.

Mean order and disorder predicted by IUPred for various subsets. *Protein TS* are those events that are tissue specific at the protein level. *Transcript TS* are those events that are tissue specific at the transcript level. *Cassette TS* are skipped exon events that are tissue specific at the protein level. *Protein Not* are those events that are not tissue specific at the protein level. *Transcript Not* are those events that are not tissue specific at the transcript level. *Cassette TS* are skipped exon events that are not tissue specific at the protein level. *Ancient* are those events that manual curation has shown to evolve more than 400 million years ago. *Recent* are all other events.