

**Online Supporting Information S2c.** Dataset used to demonstrate the power of **iLoc-Hum** in identifying proteins for their multiple locations. The dataset contains 30 independent multiple-location proteins randomly picked from Swiss-Prot database (Release 2011\_06 of 31-May-11) that are distributed within the scope of the nine subcellular locations of [Online Supporting Information S2a](#), but none of them occurs in the training dataset of **iLoc-Hum**.

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