

Development of An Integrated Database for Human Transcriptome

We developed an integrated database of human genes, called H-Invitational Database (H-InvDB), based on comprehensive annotation of human full-length cDNA sequences. This database is open to the public and accessible at <http://www.h-invitational.jp/> (or hinj.jp). This is a product of an international collaborative project by more than 150 researchers in 44 countries, organized by AIST, Japan Biological Informatics Consortium and National Institute of Genetics. H-InvDB contains functional and structural annotation of 21,037 human genes, and will be indispensable for human transcriptome studies in various fields of basic research, education and industry.

References

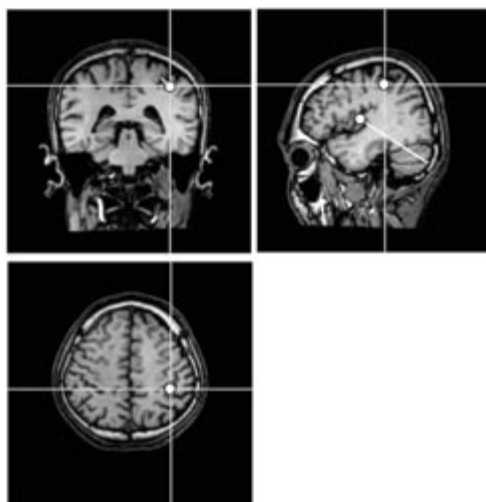
- H-Invitational Database, <http://www.h-invitational.jp/>
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Official homepage of H-Invitational Database (A) and its main page (B).

Brain Activity to Speech Offsets

Speech offsets, i.e. sudden transitions from continuous speech sound to silence, activated both hemispheres differently. In addition to peak activities in the bilateral temporal cortices at about 120 ms after the offsets, the right parietal cortex was activated later irrespective of the stimulated ear. The result was discussed in the context of auditory attention.



Positions of the dipole in the right parietal cortex

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