GUPPY: A Sequence Information Viewer Program

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GUPPY (Genetic Understanding Perspective Preview System) is a viewer program for genetic sequence annotations with graphical layout. It is a highly interactive program which allows smooth zooming of focused sequence regions from a whole genomic view. The program also equips scripting facilities to maximize flexible adaptation to various kind of databases and analysys programs in molecular biology. The program is available for academic use from our homepage (http://staff.aist.go.jp/yutaka.ueno/guppy/).

A screen shot of GUPPY program with the sequence map of human chromosome 21. The annotation data were obtained from DDBJ/CIB Human Genomics Studio (http://studio.nig.ac.jp/)