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PANATI AND WEBPANATI - INFORMATION SYSTEMS FOR SNPS

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This paper describes two softwares: Panati and webPanati. Panati is a software that reads data from Illumina GenomeAnalyzer (Solexa) and gives an output about SNPs in unix environment. These datas are showed in Internet by webPanati, and the user can use the output from webPanati for analysis of SNP data as the user wants. These data are about rice, but panati and webPanati can be used to get SNPs from other cultures. Panati and webPanati are free software, are easy to install and use, and webPanati gives files that can be used as input to Flapjack system to do analysis of SNPs.