

Table 1: Tools developed by the partners of the WP2 "Proteomics and Metabolomics" (French Bioinformatics Infrastructure proposal)

MyProMS	Web application allowing centralization, validation, interpretation and sharing of the data generated by the MS platform.	ApliBio (Institut Curie)	http://bioinfo.curie.fr/myproms	Poullet P et al., 2007, Proteomics, 7 (15):2553-6.	200 runs/month > 30 download
Pepline	Software for high-throughput direct mapping of tandem mass spectrometry data on genomic sequences	PRABI/Renabi-GO	http://www.gre.noble.prabi.fr/prrotehome/software/pepline	Ferro M et al., 2008, J. Proteome Res., 7 (5) : 1873-1883	> 30 download
WebPepline	Web application of Pepline (see above)	PRABI	http://www.gre.noble.prabi.fr/WebPepline	See above	In beta-test phase (released by Nov 2010)
AT_Chloro	AMT (accurate mass and time tags) database dedicated to the chloroplast proteome from Arabidopsis thaliana	PRABI	http://www.gre.noble.prabi.fr/at_chloro/	Ferro M et al., 2010, Mol Cell Proteomics. 9(6):1063-84	100 visits/month
ProteHome	A web portal of bioinformatics resources for experimental proteomics	PRABI	http://www.gre.noble.prabi.fr/prrotehome/		300 visits/month
UniPathway	Database of manually curated metabolic pathways for the UniProtKB/Swiss-Prot knowledgebase	PRABI			1400 visits/month
X2DBI	Query builder which i) can extract datasets from "omics" tool such as MeRy-B or PROTIcDb ii) allows to build an XML query similar to BioMART approach	ReNaBi-SO	http://www.cbib.u-bordeaux2.fr/x2dbi/		Already integrated into PROTIcDb (INRA Moulon, J. Joëts) and MeRyB
MeRyB	Software platform dedicated to the management and exploitation of Plant metabolomics data	ReNaBi-SO	http://www.cbib.u-bordeaux2.fr/MERYB/		>100 visits/month