

HuntMi: an efficient and taxon-specific approach in pre-miRNA identification (SUPPLEMENT)

Adam Gudyś^{*1} , Michał Wojciech Szczęśniak^{*2} , Marek Sikora¹ and Izabela Makałowska²

¹Institute of Informatics, Faculty Of Automatic Control, Electronics And Computer Science, Silesian University of Technology, Gliwice, Poland

²Laboratory of Bioinformatics, Faculty of Biology, Adam Mickiewicz University, Poznan, Poland

Email: Adam Gudyś* - adam.gudys@polsl.pl; Michał Wojciech Szczęśniak* - miszcz@amu.edu.pl;

*Corresponding author

Table 1: Summary for animal, plant and virus negative datasets used in the experiments.

Species/virus	No. of sequences
animals	
<i>Rattus norvegicus</i>	24 834
<i>Drosophila melanogaster</i>	7 748
<i>Mus musculus</i>	26 538
<i>Caenorhabditis elegans</i>	4 906
<i>Pan troglodytes</i>	21 312
<i>Gallus gallus</i>	19 526
<i>Macaca mulatta</i>	19 755
<i>Bos taurus</i>	15 695
<i>Danio rerio</i>	5 841
<i>Monodelphis domestica</i>	71 999
plants	
<i>Glycine max</i>	6 654
<i>Zea mays</i>	31 277
<i>Populus trichocarpa</i>	40 152
<i>Selaginella moellendorffii</i>	2 601
<i>Triticum aestivum</i>	1 388
<i>Vitis vinifera</i>	5 976
<i>Oryza sativa</i>	26 881
viruses	
<i>Tomato curly stunt virus</i>	2
<i>Torque teno virus 1</i>	1
<i>Apricot latent virus</i>	11
<i>Carnation Italian ringspot virus</i>	4
<i>Cucumber leaf spot virus</i>	3
<i>Human rhinovirus C</i>	10
<i>Lettuce yellow mottle virus</i>	12
<i>Maize mosaic virus</i>	17
<i>Porcine epidemic diarrhea virus</i>	27
<i>Rabbit vesivirus</i>	11
<i>Soybean mosaic virus</i>	10
<i>Xenopus laevis endogenous retrovirus Xen1</i>	12
<i>Avian carcinoma virus</i>	3
<i>Hepatitis B virus</i>	4
<i>Human immunodeficiency virus 1</i>	9
<i>Simian foamy virus</i>	12
<i>BK polyomavirus</i>	5
<i>Human adenovirus A</i>	44
<i>Human herpesvirus 1</i>	158
<i>Human papillomavirus - 1</i>	9
<i>Porcine respiratory and reproductive syndrome</i>	4
<i>Peach mosaic virus</i>	6
<i>Shrimp white spot syndrome virus</i>	279
<i>Ovine herpesvirus 2</i>	124
<i>Pineapple bacilliform comosus virus</i>	8
<i>Beet yellows virus</i>	13
<i>Blackberry virus Y</i>	17
<i>Cherry green ring mottle virus</i>	10
<i>Squirrel monkey retrovirus - HLB</i>	6