Poster Format Guide (Oct, 2019)

1. General:

Posters should keep text to a minimum and emphasize graphics. You do not have to include all of your data. A few key figures are usually sufficient to represent your work. You should tell people what you have done, any new discovery? Is it to convince people that one technique is better than another?

2. Required Elements:

Title - Your poster should include a banner title. Below the title, list the authors and institutions in a slightly smaller font. You should have your institute or company logs on the side.

Introduction – Introduce the research question, give a small amount of background, and identify your hypothesis and the purpose of your study. Consider using bullet points.

Methods – Describe the experiments and protocols employed in your study.

Results – The results of your study appear here, illustrated by the majority of your figures. Present only the most pertinent results. Check that the figures are large and easily read.

Conclusion – Interpret your results. Compare or contrast your findings to those from the scientific literature. Suggest further experiments or research that would build upon your study.

3. Format and Design:

The size of your poster should be A0. Fonts – Your poster should be easily read from a distance of 2 ft. Use contrasting fonts for the title, text and figure legends. (e.g. – Times for the text, and Arial for the title and figure legends)

Layout – Make a scale model of your poster on graph paper using colored paper or post-it notes to design the most effective layout. Design the poster in three or four columns. Related text and graphics should be adjacent. Related text and graphics can be enclosed in a box.

Background color should be white or a neutral color that is easy on the eyes.

Print a miniature version of your poster on A0 paper. Choose 'Fit to size' under the print command, and choose letter-sized paper. If your text is too small to read on the miniature version, it will be too small to read on the final poster. Same is true to pictures and figures – the graphical elements of your poster should be sharp and clear on the miniature printout. Your poster can be either portrait or landscape.

4. Two templates of poster:





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ABSTRACT



For decades, rice has been the staple crop for more than half the offord's population. The challenge to produce sufficient rice for provide structure is everywhering, as the current rate of population forwh outpaces that of rice production. Gradin Hilling 1s a vita study has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to comprehend rice grain Hilling struc-tury has been undertaken to be under the structury analise of grain Hilling is structure to the structure to rise of grain Hilling in Secondly, subtraction cDNA libraries were constructed to identify the genes involved during different strates of grain Hilling in the Mill & Variety. The clones isolated to high vielding variety, the represent the genes for rice choses solated to high the CDNA libraries will be used for cDNA microarray analysis in the future. Lastly, genes encoding large and smain bus struch biosynthesis; and the gene for rice denosperm B-zip (EEE), a transcriptional factor associated with protein storage to the endosperm were obtained by RT-PCR.

Comparisons of MR 84 and MR 219

	MR84	MR219
Maturity days	115	105
No. of panicles/plant	13-17	14-18
No. of spikelets/plant	130	150
Weight of 1000 grains (g)	26	27.1
Production (tons/h.a.)	4.0 - 6.2	6.0 - 10.7

METHODOLOGY



	Early grain filling stage	Late grain filling stage	Flag leaf library
Primary library	5.6*10 ^s pfu/ml	4*10 ⁶ pfu/ml	8*10 ⁵ pfu/ml
Amplified library	6.9*10 ⁷ pfu/ml	1.5*10°pfu/ml	6.5°10°pfu/m

RESULT & DISCUSSION

orone number	r dutire r difetion	ocore (
OP46	Ribosomal L-9 like protein	307
OFL6F6	Transcription factor	256
OP123	Glutelin	416
OP101	26S Proteosome reg. subunit	405
total of 2366 su	btracted cDNA clones were iso	lated from

bits)

n 4

subtraction cDNA libraries. A few examples are:

Clone number	Putative Function	Score (bits)	
Sub1 68	Wheat adenosylhomocysteinase- like protein	447	
Sub1 101	Mechanosensitive ion channel protein	169	
Sub1 162	Putative CDPK-related protein kinase	510	

RT-PCR



CONCLUSION

CDNA library and subtraction libraries have been uccessfully constructed.

>A total of 6616 clones were obtained from all libraries

A total of 6616 conces were obtained from all libraries.
Partial sequences encoding small and large subunit of
ADP-glucose pyrophosphorylase and rice endosperm
Bzip were obtained by using RT-PCR.
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