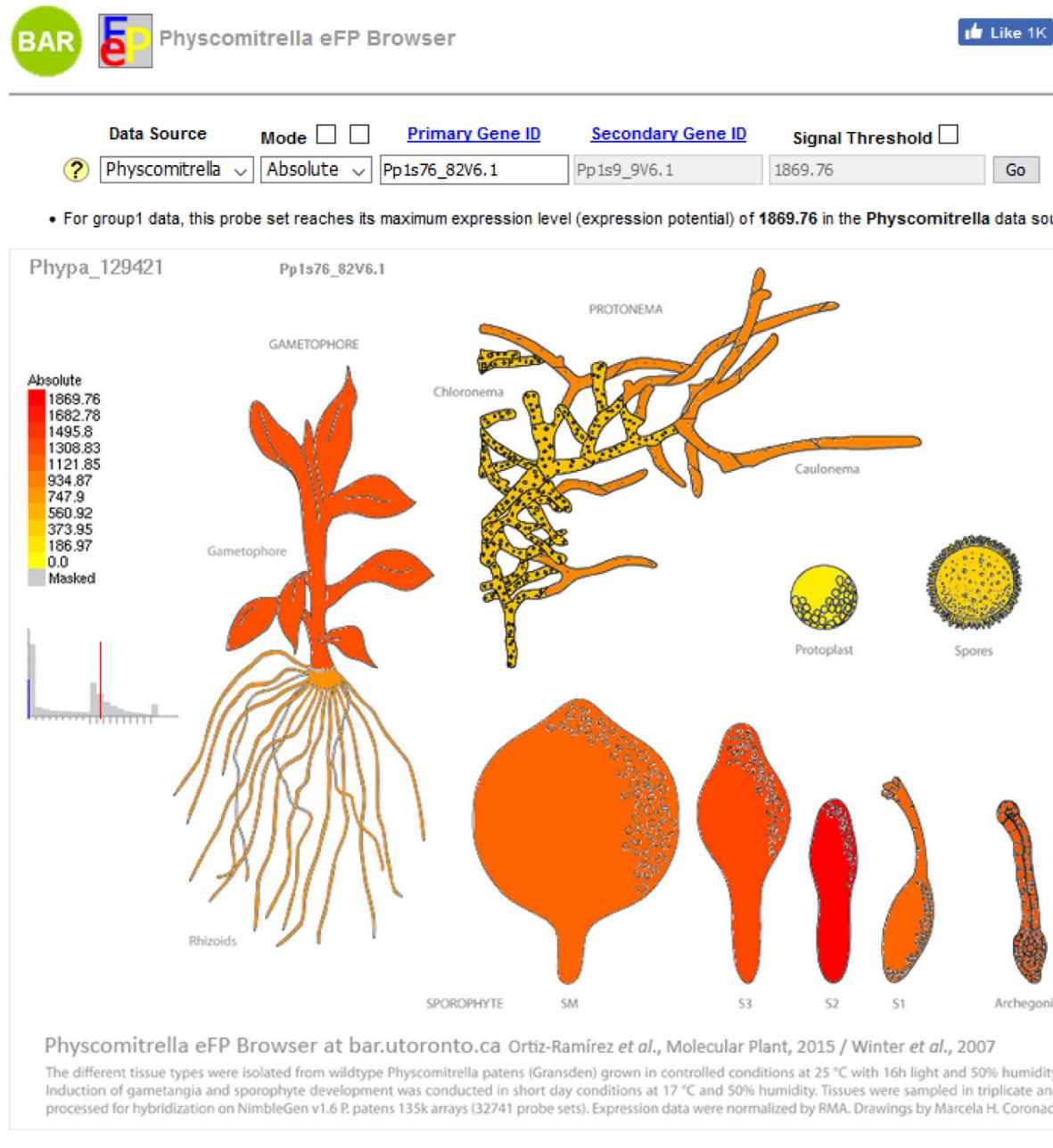


Supplementary dataset S2. Expression data of different NMCPs: *Ppa1*, *Ppa2*, *Osa1*, *Osa2*, *Zma1*, *Zma2*, *Bdi1*, *Bdi2*, *Gma1I*, *Gma1II*, *Gma2II* and *Gma3II* from the eFP browser.

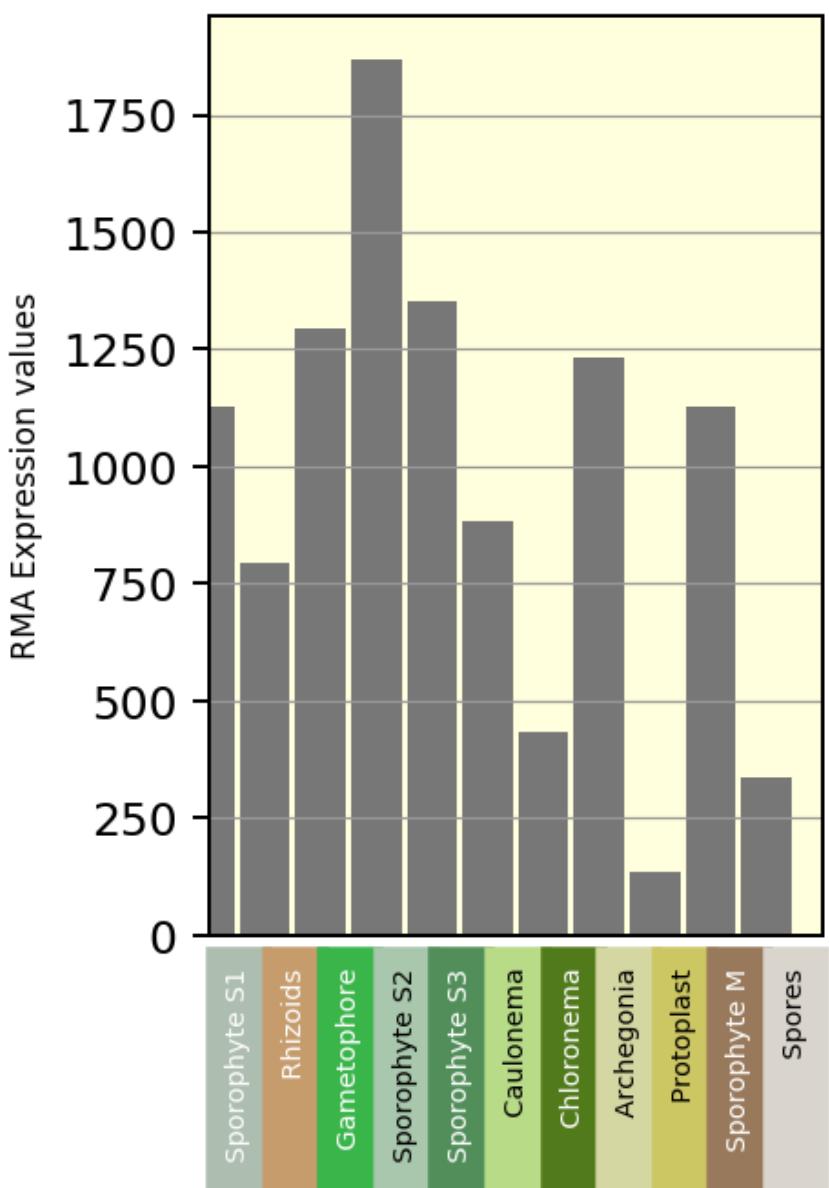
Ppa1

Organism	<i>Physcomitrella patens</i>
Transcript Name	Pp3c2_34830V3.1 (primary)
	Alas Pp3c2_34830J5.1 Pp3c2_34830 Phpat.002G143000
	Phypa_129421 Pp1s76_81V6 Pp3c2_34830.v3.1



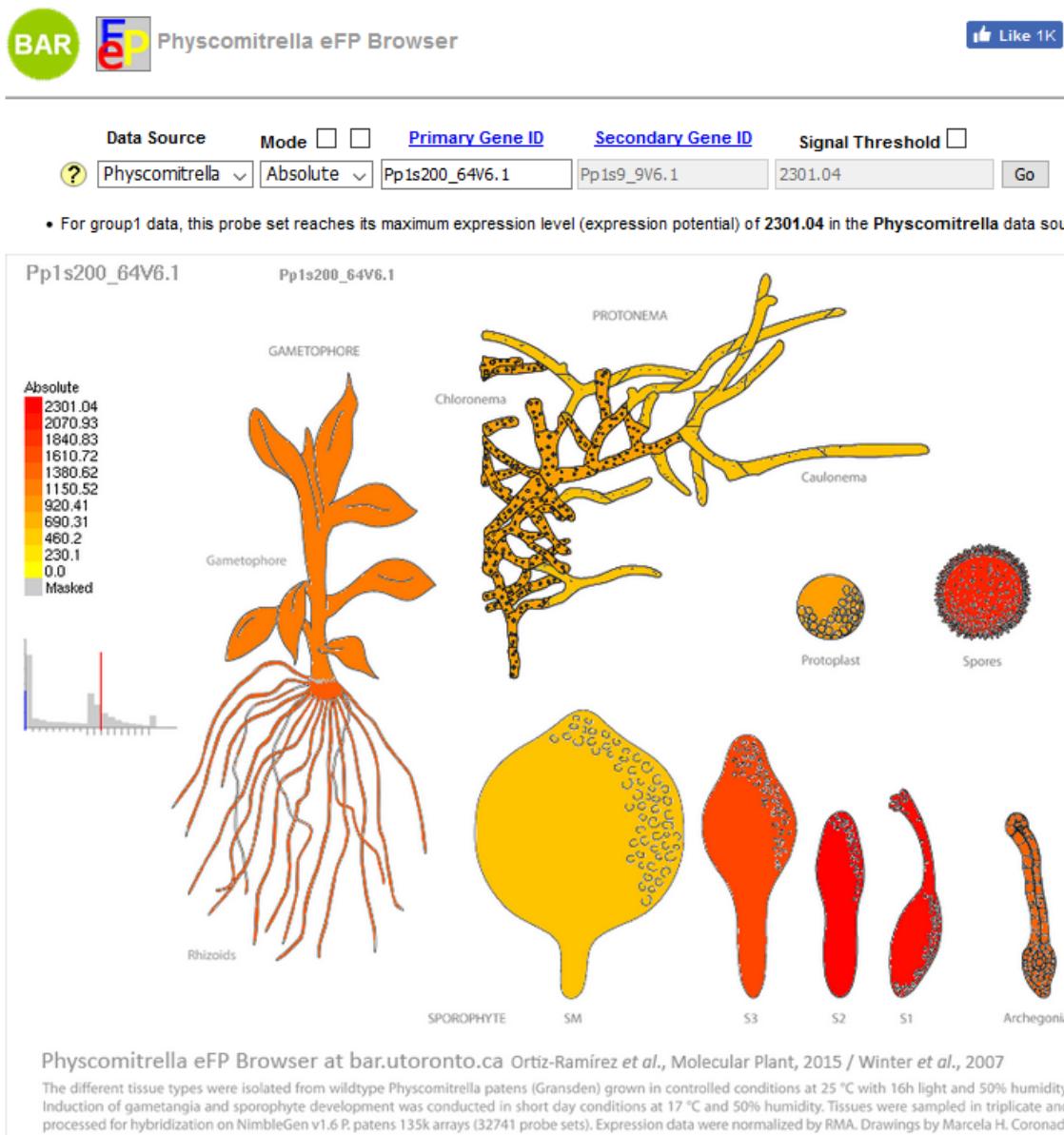
- Pp1s76_82V6.1 was used as the probe set identifier for your primary query, Phypa_129421 (nuclear matrix constituent protein-related)

Group #	Tissue	Expression Level	Standard Deviation	Samples	Links
1	Sporophyte S1	1128.22	0.0	Sporophyte_S1,	To the Experiment
1	Rhizoids	795.7	0.0	Rhizoids,	To the Experiment
1	Gametophore	1292.66	0.0	Gametophore,	To the Experiment
1	Sporophyte S2	1869.76	0.0	Sporophyte_S2,	To the Experiment
1	Sporophyte S3	1352.67	0.0	Sporophyte_S3,	To the Experiment
1	Caulonema	881.56	0.0	Caulonema,	To the Experiment
1	Chloronema	433.7	0.0	Chloronema,	To the Experiment
1	Archegonia	1233.16	0.0	Archegonia,	To the Experiment
1	Protoplast	133.6	0.0	Protoplast,	To the Experiment
1	Sporophyte M	1129.31	0.0	Sporophyte_M,	To the Experiment
1	Spores	335.2	0.0	Spores,	To the Experiment



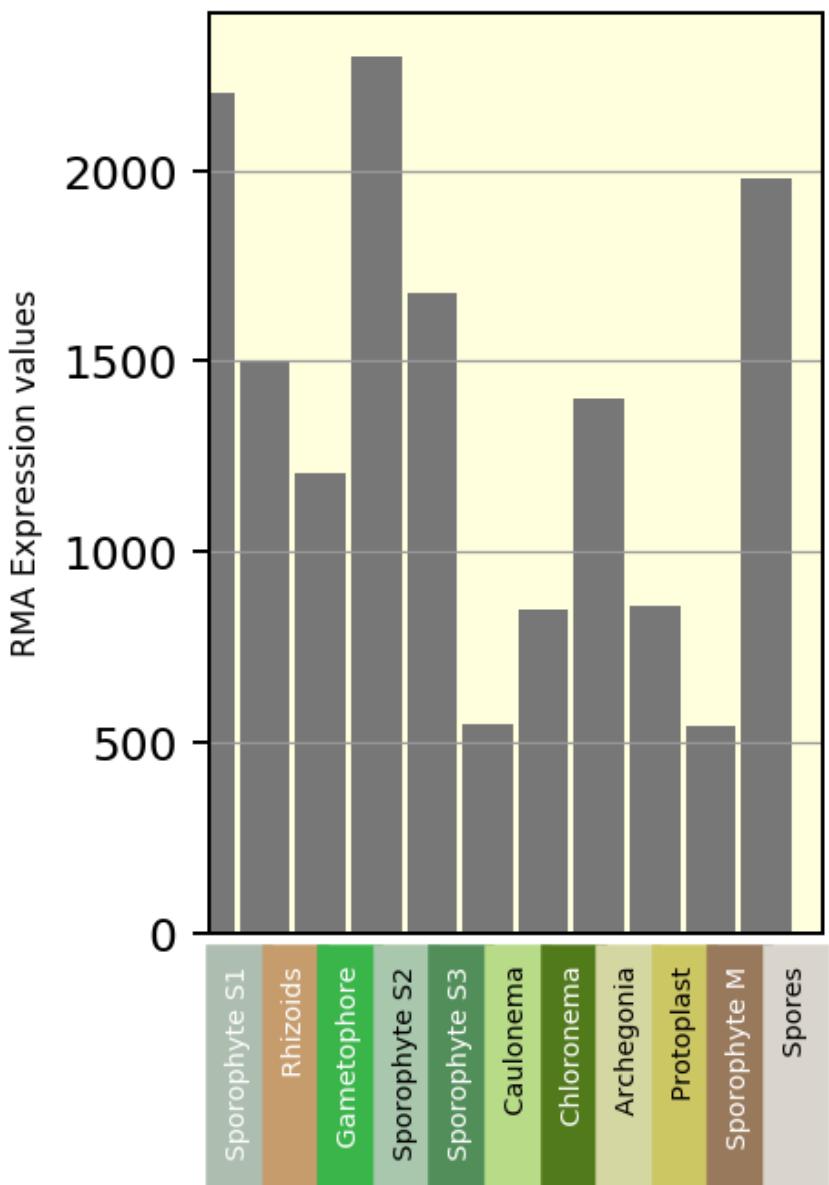
Ppa2

Organism *Physcomitrella patens*
Transcript Name Pp3c1_1360V3.1 (primary)
Alias Pp1s200_64V6.1 Pp3c1_1360E2.1 Pp3c1_1360V1.1
Pp3c1_1360 Pp1s200_64V6 Phpat.001G006400 Pp3c1_1360.v3.1
Pp3c1_1360V1.1.v3.1



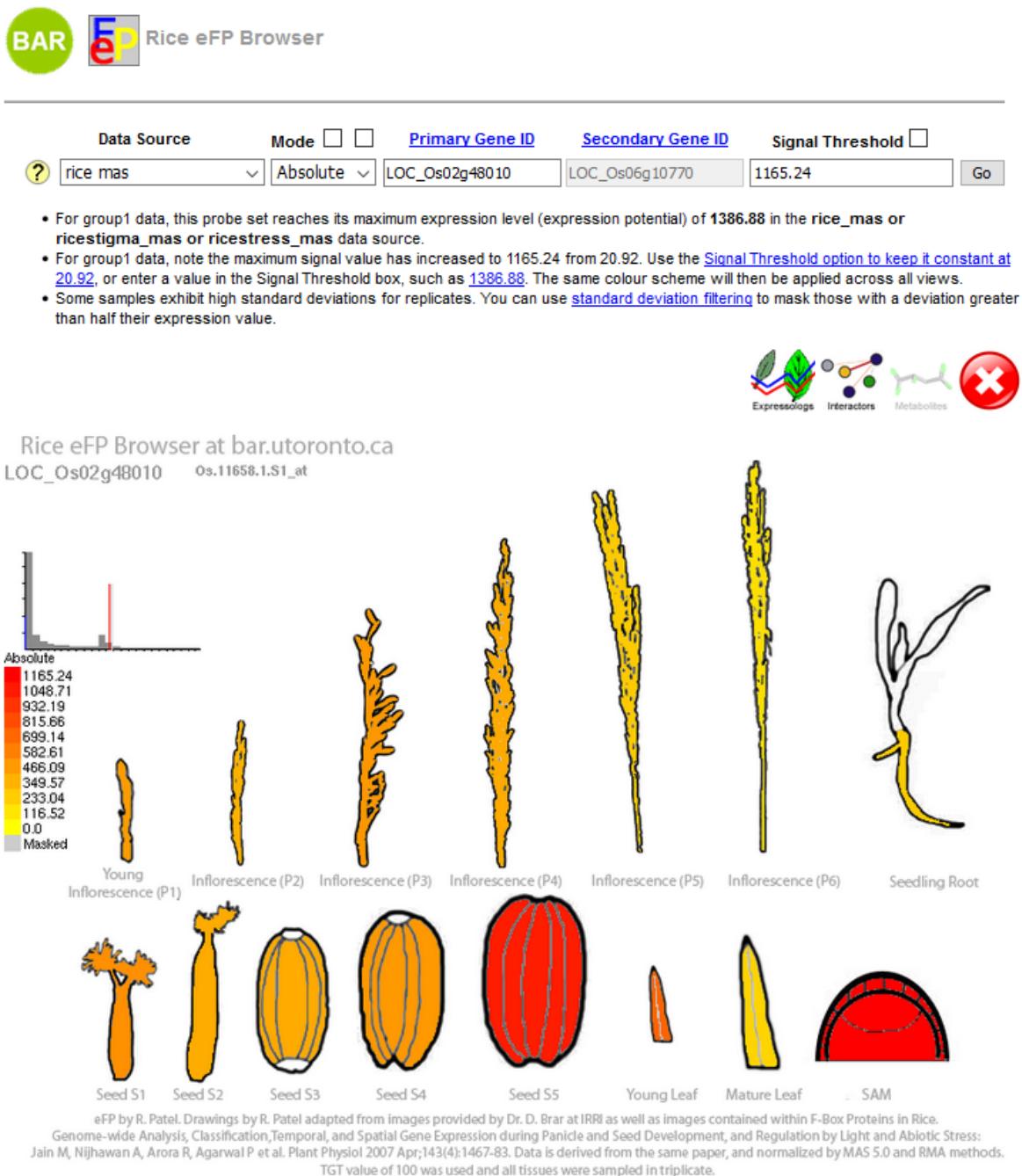
- Pp1s200_64V6.1 was used as the probe set identifier for your primary query, Pp1s200_64V6.1 (little nuclei)

Group #	Tissue	Expression Level	Standard Deviation	Samples	Links
1	Sporophyte S1	2204.58	0.0	Sporophyte_S1,	To the Experiment
1	Rhizoids	1495.44	0.0	Rhizoids,	To the Experiment
1	Gametophore	1207.46	0.0	Gametophore,	To the Experiment
1	Sporophyte S2	2301.04	0.0	Sporophyte_S2,	To the Experiment
1	Sporophyte S3	1678.71	0.0	Sporophyte_S3,	To the Experiment
1	Caulonema	546.75	0.0	Caulonema,	To the Experiment
1	Chloronema	849.87	0.0	Chloronema,	To the Experiment
1	Archegonia	1404.33	0.0	Archegonia,	To the Experiment
1	Protoplast	857.88	0.0	Protoplast,	To the Experiment
1	Sporophyte M	540.09	0.0	Sporophyte_M,	To the Experiment
1	Spores	1979.72	0.0	Spores,	To the Experiment



Osa1

Organism *Oryza sativa*
Transcript Name LOC_Os02g48010.1



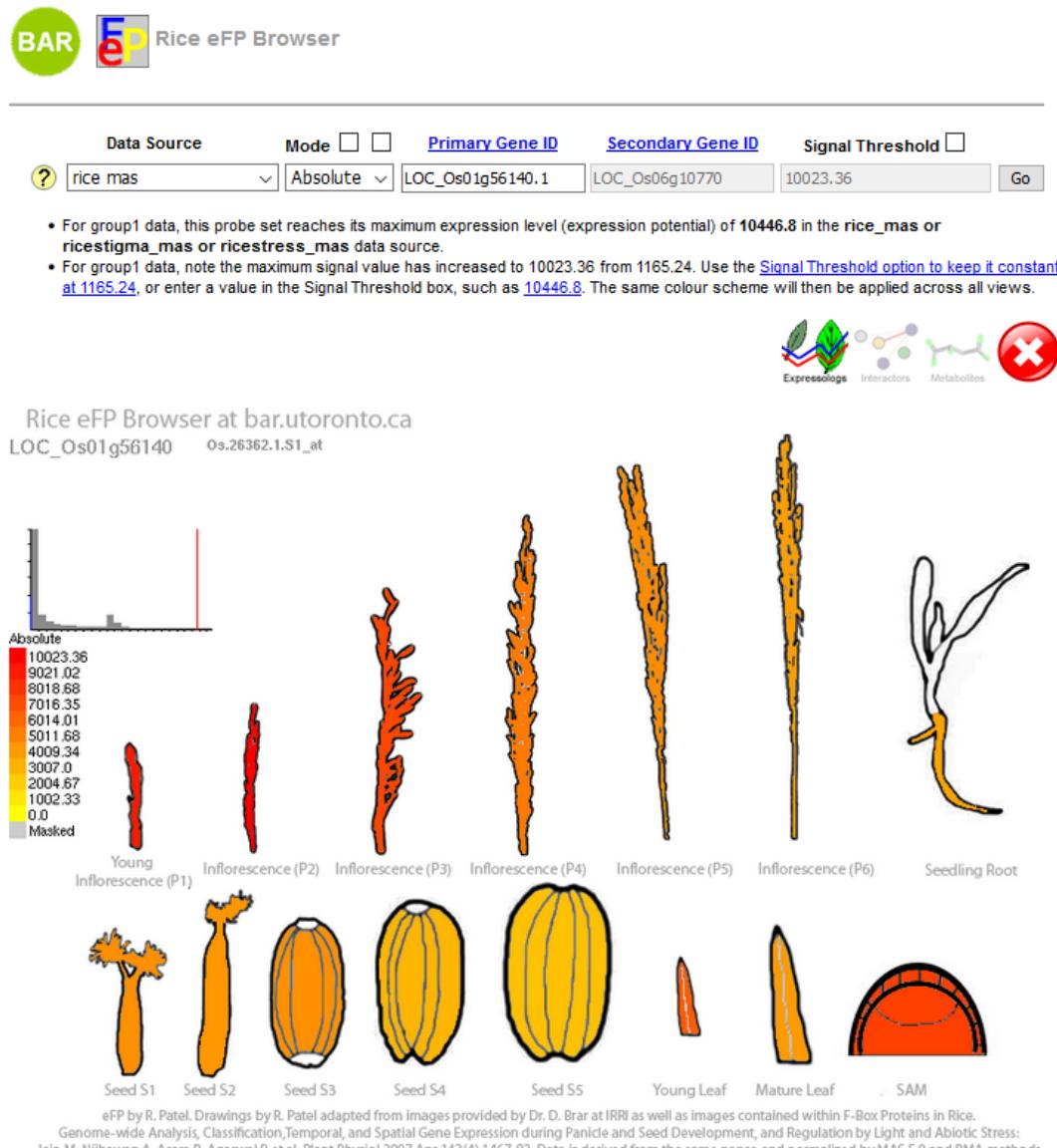
[Click Here for Table of Expression Values](#)

[Click Here for Chart of Expression Values](#)

- Os.11658.1.S1_at was used as the probe set identifier for your primary gene, LOC_Os02g48010 (protein nuclear matrix constituent protein 1-like, putative, expressed)

Osa2

Organism *Oryza sativa*
Transcript Name LOC_Os01g56140.1



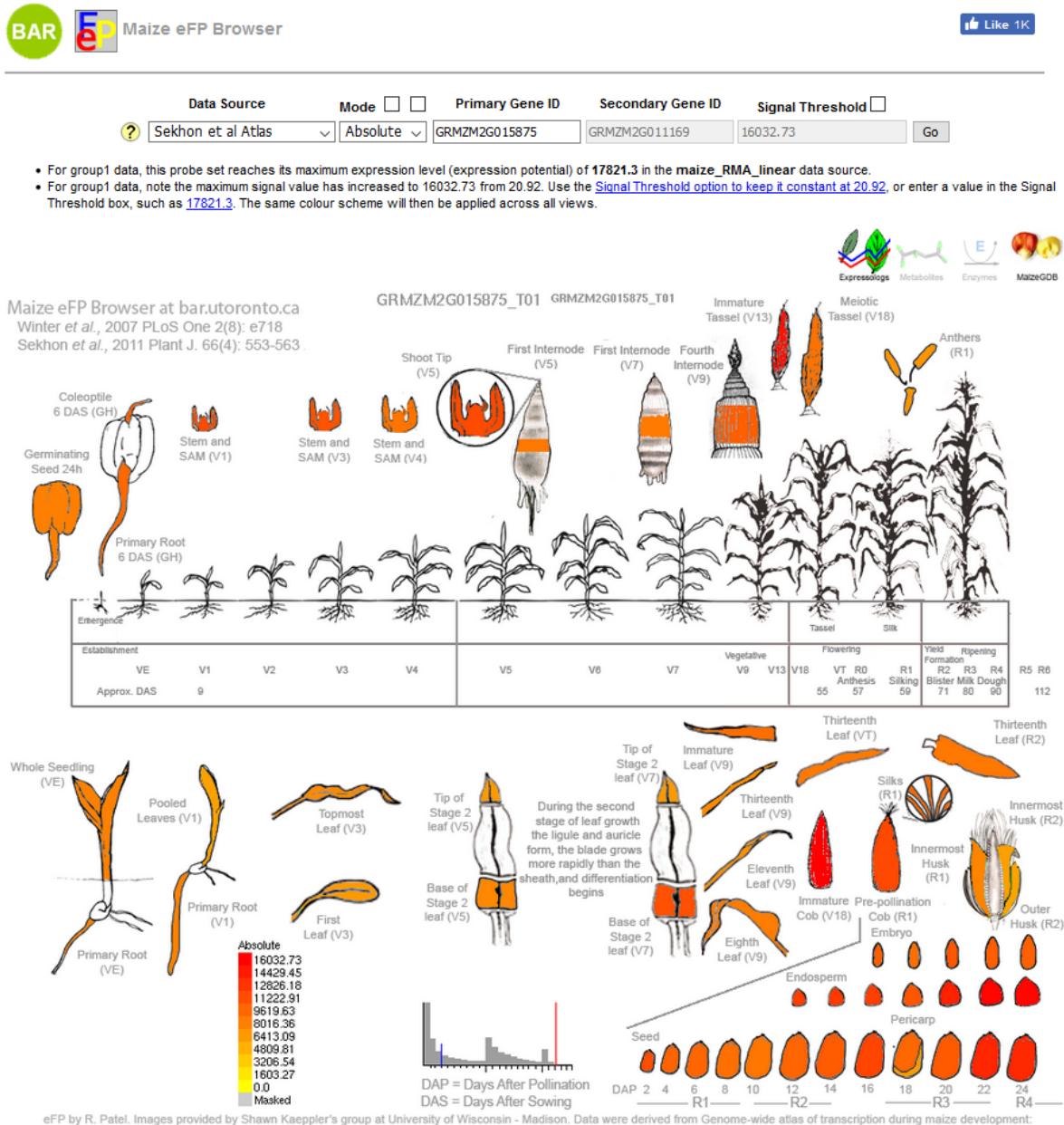
[Click Here for Table of Expression Values](#)

[Click Here for Chart of Expression Values](#)

- Os.26362.1.S1_at was used as the probe set identifier for your primary gene, LOC_Os01g56140 (protein expressed protein)

Zma1

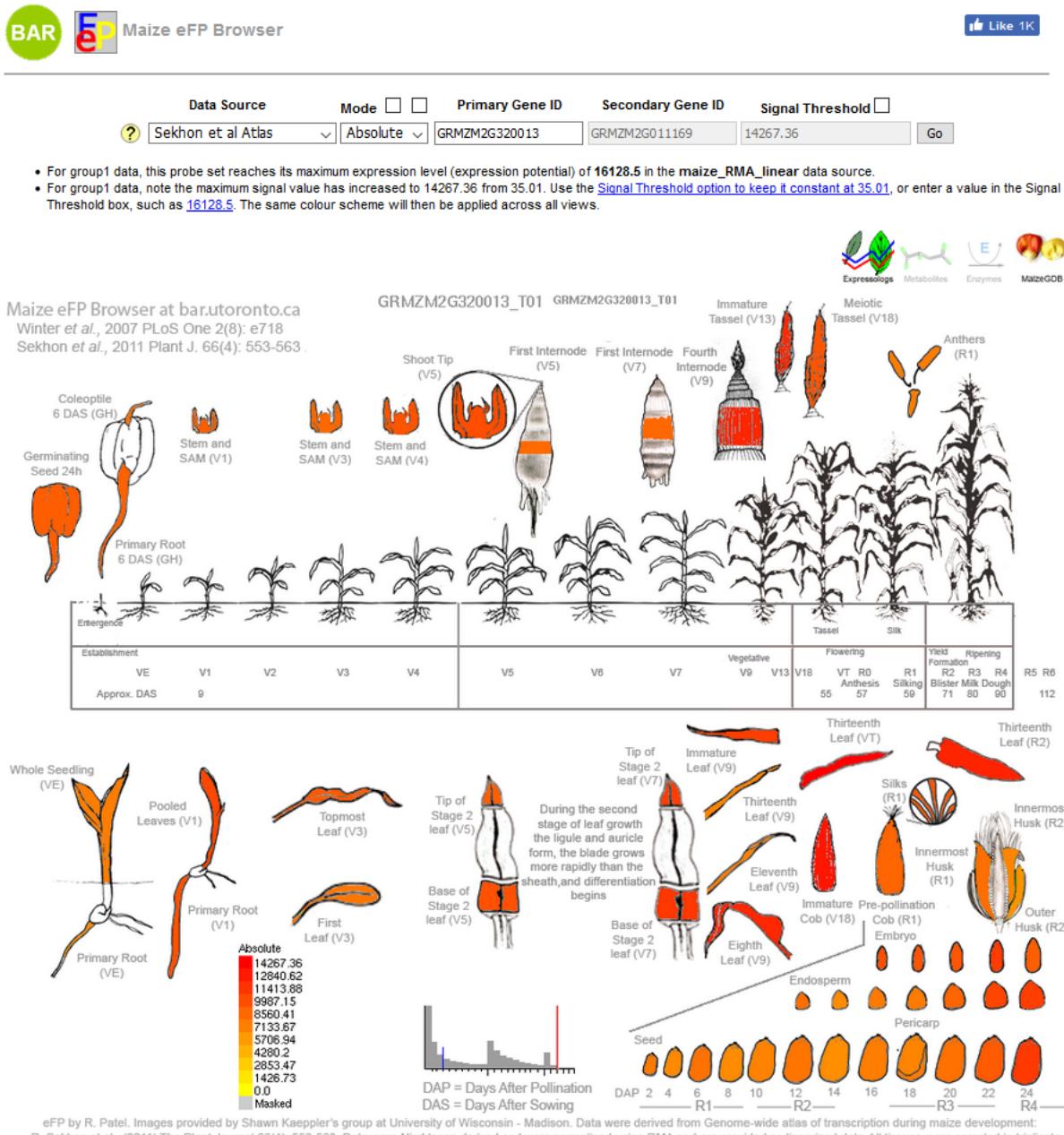
Organism *Zea mays*
 Transcript Name GRMZM2G015875_T01



eFP by R. Patel. Images provided by Shawn Kaeppler's group at University of Wisconsin - Madison. Data were derived from Genome-wide atlas of transcription during maize development: R. Sekhon et al., (2011) The Plant Journal 66(4): 553-563. Data were Nimblegen derived and were normalized using RMA and are provided as linearized data. All tissues were sampled in triplicate.

Zma2

Organism *Zea mays*
 Transcript Name GRMZM2G320013_T01



- GRMZM2G320013_T01 was used as the probe set identifier for your primary gene, GRMZM2G320013_T01 (expressed protein)

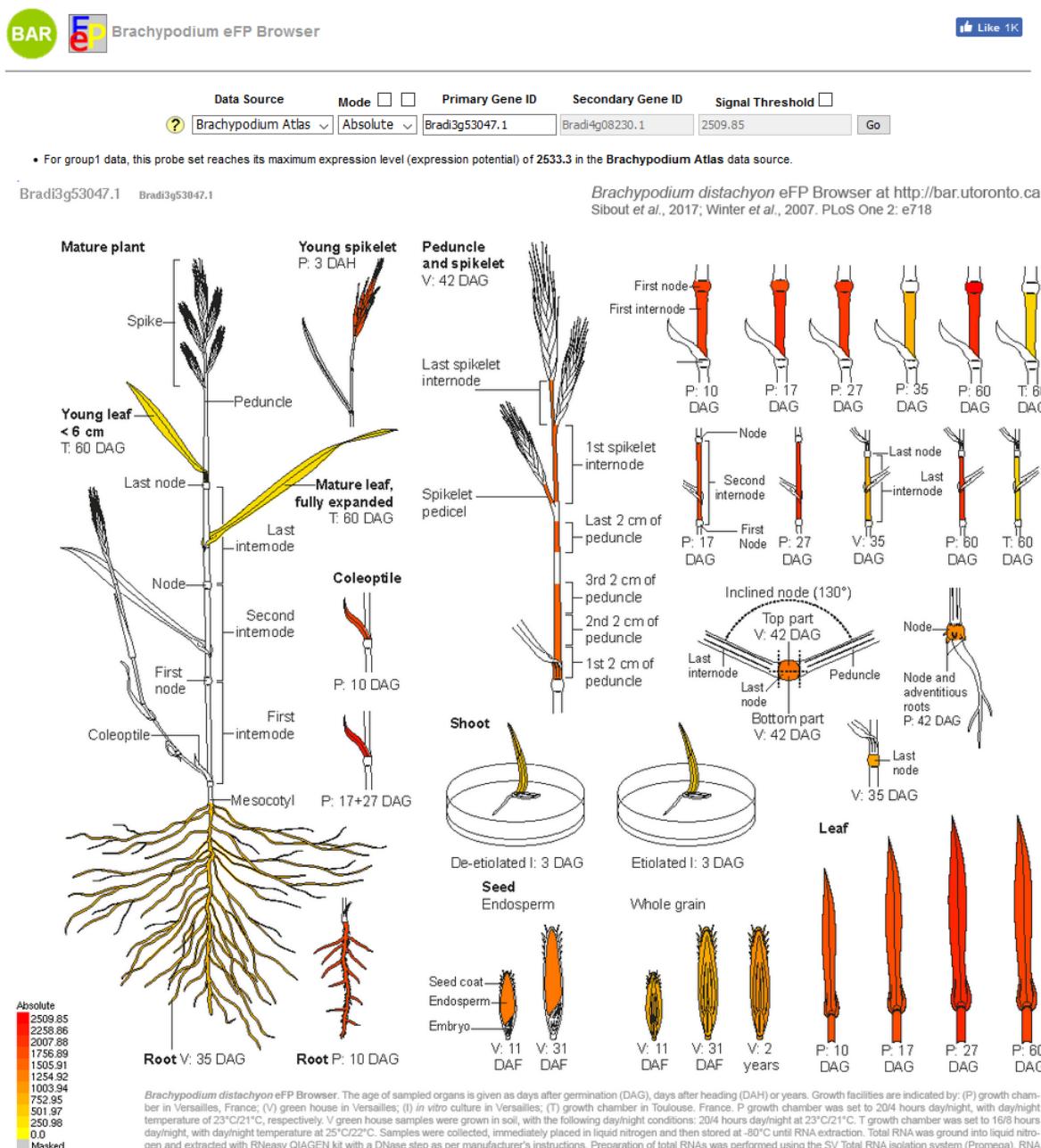
Bdi1

Organism

Brachypodium distachyon

Transcript Name

Bradi3g53047.1



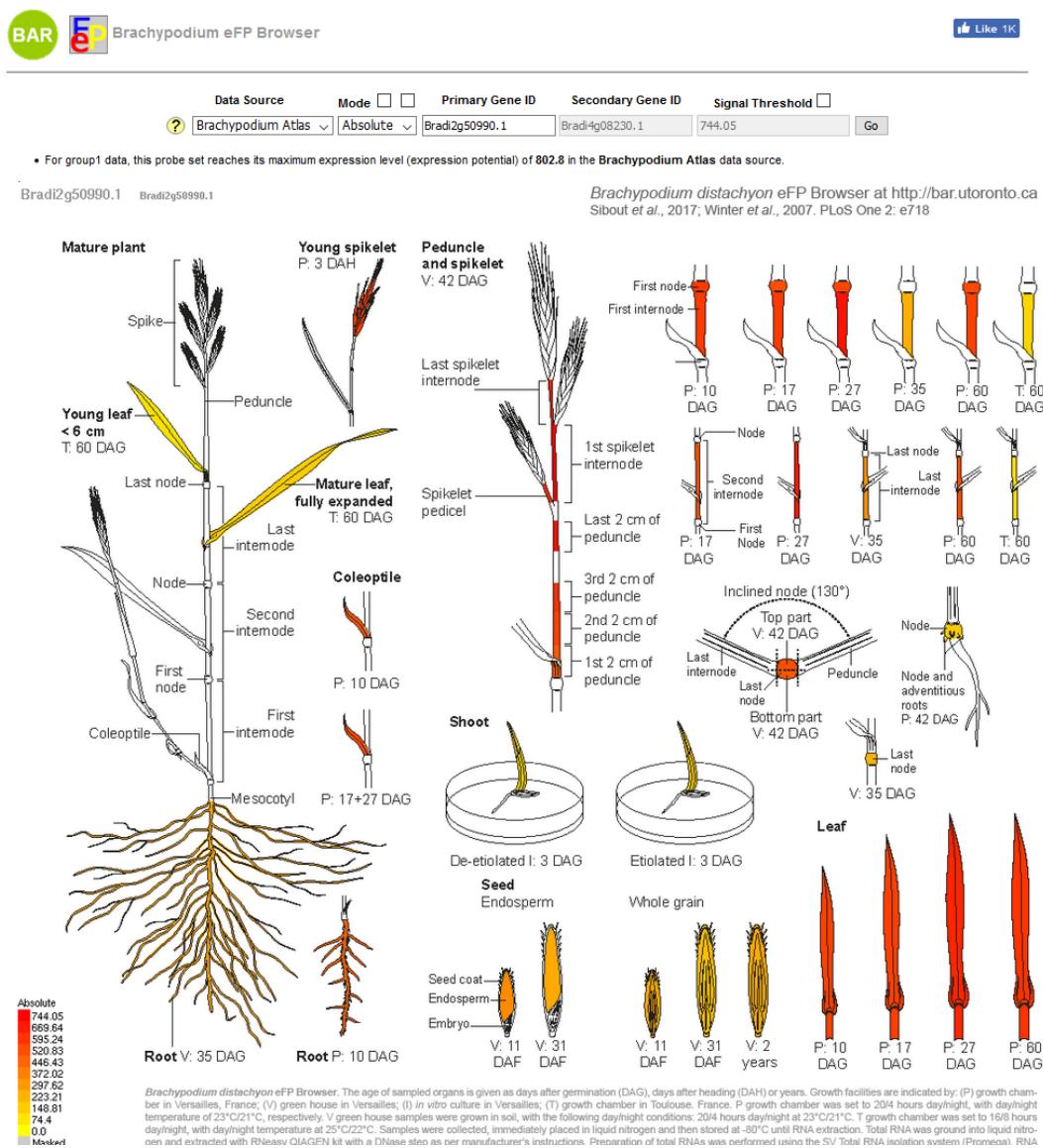
Bdi2

Organism

Brachypodium distachyon

Transcript Name

Bradi2g50990.1



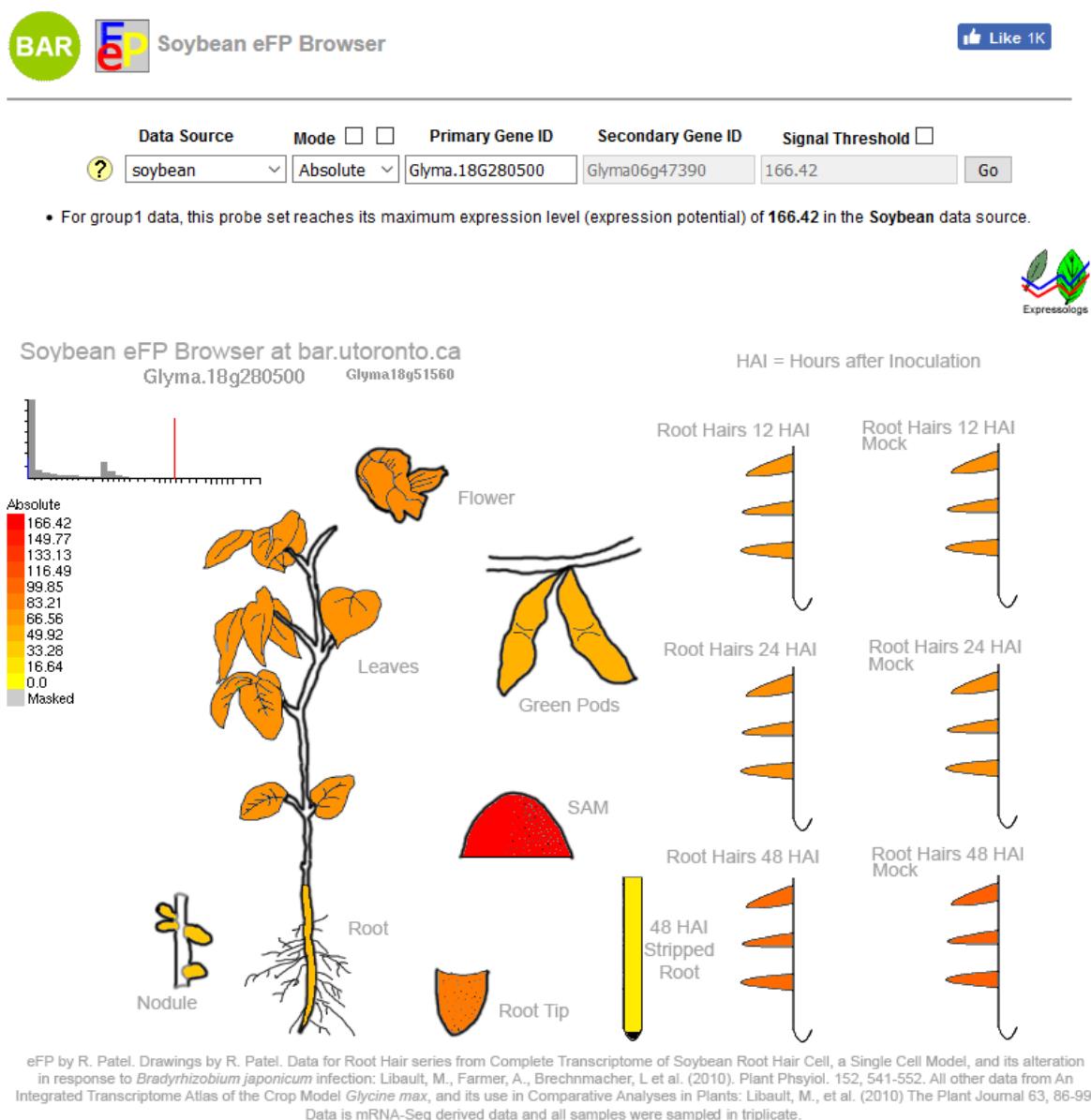
Gma1I

Organism

Glycine max

Transcript Name

Glyma.18G280500.1 (Glyma18g51560)



- Glyma18g51560 was used as the probe set identifier for your primary gene, Glyma.18G280500 (LINC1 little nuclei1)

Gma1II

Organism

Glycine max

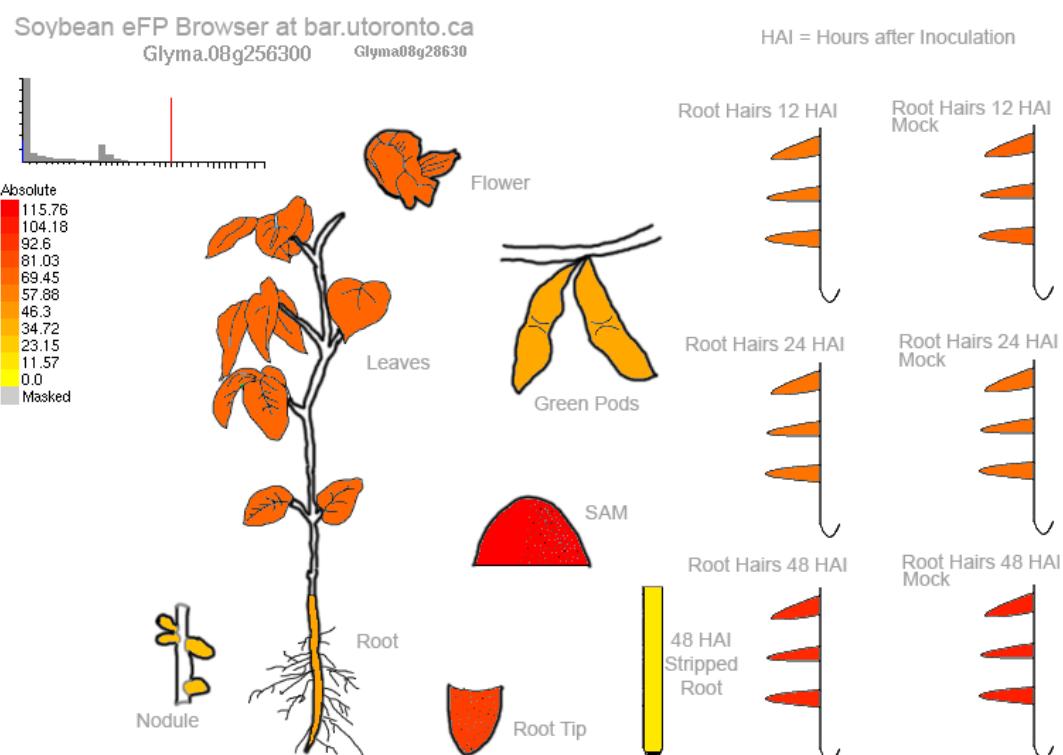
Transcript Name

Glyma.08G256300.1 (Glyma08g28630)



Data Source: soybean Mode: Absolute Primary Gene ID: Glyma.08G256300 Secondary Gene ID: Glyma06g47390 Signal Threshold: 115.76 Go

- For group1 data, this probe set reaches its maximum expression level (expression potential) of 115.76 in the Soybean data source.



eFP by R. Patel. Drawings by R. Patel. Data for Root Hair series from Complete Transcriptome of Soybean Root Hair Cell, a Single Cell Model, and its alteration in response to *Bradyrhizobium japonicum* infection: Libault, M., Farmer, A., Brechinmacher, L et al. (2010). Plant Physiol. 152, 541-552. All other data from An Integrated Transcriptome Atlas of the Crop Model *Glycine max*, and its use in Comparative Analyses in Plants: Libault, M., et al. (2010) The Plant Journal 63, 86-99. Data is mRNA-Seq derived data and all samples were sampled in triplicate.

[Click Here for Table of Expression Values](#)

[Click Here for Chart of Expression Values](#)

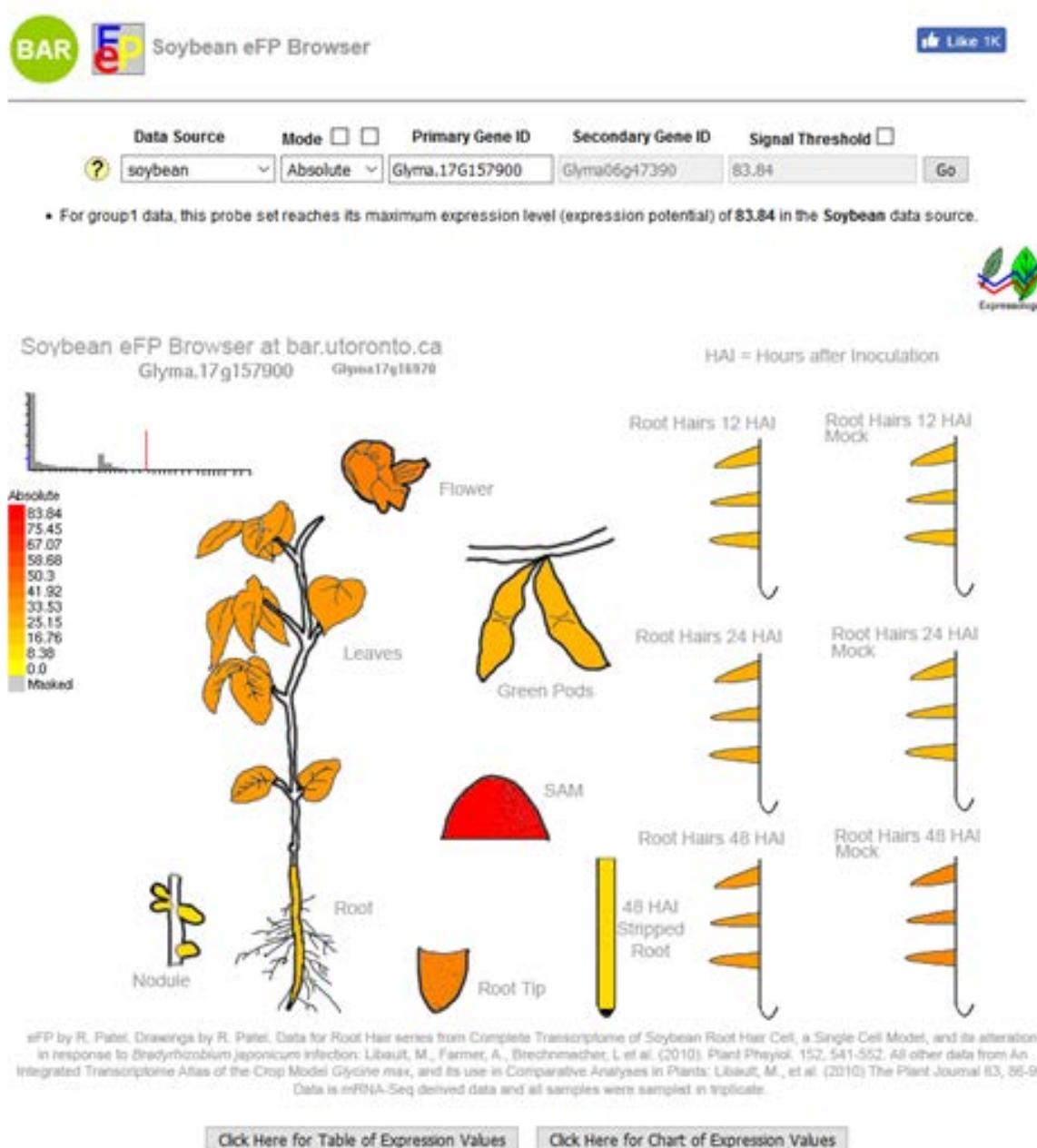
Gma2II

Organism

Glycine max

Transcript Name

Glyma.17G157900.1



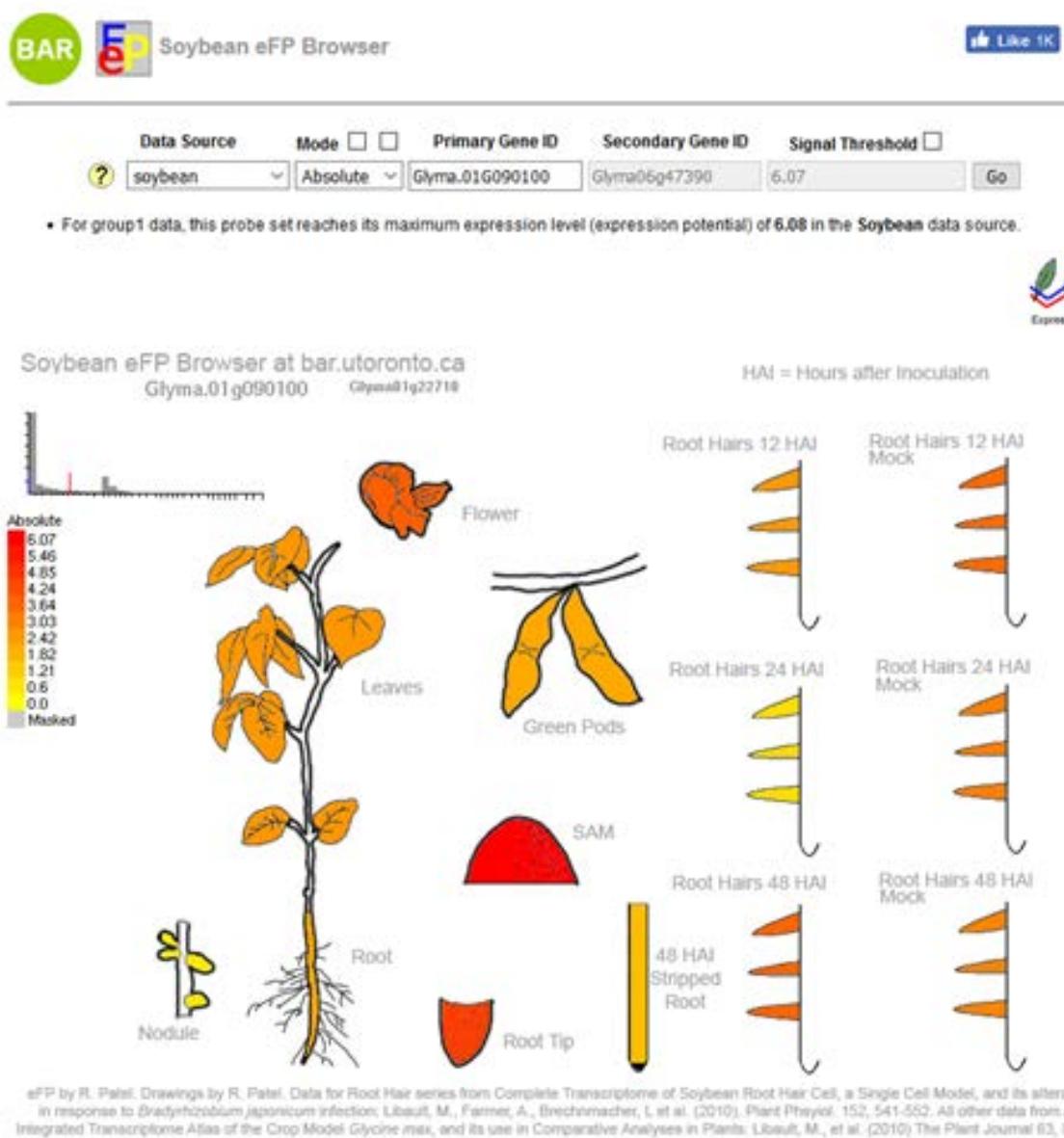
Gma3II

Organism

Glycine max

Transcript Name

Glyma.01G090100.1



[Click Here for Table of Expression Values](#)

[Click Here for Chart of Expression Values](#)

- Glyma01g22710 was used as the probe set identifier for your primary gene, Glyma.01G090100 (LINC1 little nucleolus1)