

Supplementary Material to “Genome-wide identification and characterization of R2R3-MYB genes in *Medicago truncatula*”

Table S2 - Expression data of R2R3-MYB transcription factors in various tissues and development processes.

Gene	Leaf	Petiole	Buds	Stem	Flower	Pod	Seed10 DAP	Seed12 DAP	Seed16 DAP	Seed20 DAP	Seed24 DAP	Seed36 DAP	Root	DeNod 28DPI	Root0 DPI	Nod4D PI	Nod10 DPI	Nod14 DPI	Nod28 DPI	Nod16 DPIN O3
MtMYB0 01	18.669 5	9.2222 9	27.977 1	10.619 1	40.358 7	12.717 8	8.5779 7	8.2930 3	8.6647	23.536	35.372 7	37.974 9	7.4788 8	8.1928 4	9.7610 9	8.2506 4	8.3678 5	8.5186 8	8.1163 8	7.4687 7
MtMYB0 02	10.984 1	46.125 7	47.937	43.832 6	230.49 9	10.132 1	11.661 3	13.403 7	23.557 4	49.689 3	68.913 7	152.07 1	6.3231 7	6.2387 2	6.1365 1	6.4915 4	6.4305	5.9779 4	6.4984 5	5.9899 9
MtMYB0 03	37.578 9	234.80 8	140.82 5	112.97 5	379.77 7	72.087 6	169.29 3	68.911 2	36.330 3	26.183	28.064 2	204.62 8	6.1630 3	6.7942 8	6.8468 8	41.075 9	33.733 8	24.130 5	18.738 5	30.379 5
MtMYB0 05	518.34 3	9.5498 9	194.50 1	8.2069 7	9.5090 2	122.99 3	6.7541 4	7.1477 3	7.4648 3	6.6779 2	7.4889 3	7.3267 4	7.9528 2	8.6222 5	7.12	7.1438 7	62.696 8	17.043 1	10.382	14.575 9
MtMYB0 06	246.04 7	7.5538 7	94.534 1	8.0092	8.0112	39.247	7.9185 5	7.3274 1	7.1400 6	8.5450 7	9.0971 1	8.8259 4	7.6985 9	7.1328	7.977	8.0350 8	11.456 5	8.6861 4	8.3892 7	9.8023 2
MtMYB0 07	8.4279 6	9.8406 4	9.2012 7	9.5649 6	8.3026 5	10.071 5	9.3775 4	9.4091 5	9.6965 2	9.6480 5	9.9563 3	9.9291 7	9.9144 9	61.899 9	9.5053 1	17.435 1	15.486 2	11.347 6	16.660 2	12.740 7
MtMYB0 08	5.5602 8	5.2547 1	5.3505 1	5.4113 9	5.2396 9	5.4610 8	5.2285 6	5.3928 2	5.4057 3	5.5127 7	5.4763 5	5.105	5.8290 3	5.5856 7	5.5094 3	5.6230 4	23.496	17.186 3	6.9358 6	6.3703 5
MtMYB0 09	15.809 7	15.255 9	10.228 7	16.729 6	9.2443 2	7.2809 3	7.8420 6	7.2130 3	7.8964 1	7.9516 8	11.239 9	67.442 8	150.26 1	173.28 3	93.695 1	75.335 7	34.416 6	66.353 9	32.820 9	213.97 7
MtMYB0 10	252.52 5	510.15 1	452.37 3	723.75 1	206.01 8	312.18 8	110.31 8	69.572 4	105.55 5	488.68	779.16 6	208.45 4	1796.3	2401.3 2	2156.7 6	2568.5 3	1938.3 4	2148.1 9	1584.4 9	2895.3 8
MtMYB0 12	8.6335 6	8.7296 6	12.037 9	14.162 1	8.2710 3	7.2720 2	10.475 5	7.8401 4	6.7625 4	6.6124 6	6.8117 2	10.114 9	59.158 5	43.096 6	43.465	46.715	64.168 9	96.739 9	78.229 2	155.27
MtMYB0 13	18.657	39.149 9	88.617 7	168	17.319 3	12.693 8	10.916 1	10.463 9	14.641	12.550 9	11.381	10.164 7	61.521 7	1387.5	108.45 2	385.32 2	208.38 1	249.98 8	237.05 3	298.95 8
MtMYB0 14	11.803 8	17.384 1	51.405 5	110.60 3	13.353 5	11.238 2	9.0137 5	9.9680 9	9.7386 4	9.7391 1	10.617 4	15.474	12.918 6	224.65 5	16.967 3	68.746 9	33.548 3	36.243 4	36.557 9	33.701 1
MtMYB0 17	322.77 4	376.59 9	551.92	367.16 6	1479.3 8	381.66 1	294.37 9	504.68 2	711.44 8	231.03 1	121.83 1	179.07 3	399.28 9	602.28 7	502.92 5	376.01	336.90 5	392.84 5	224.59 5	391.10 8
MtMYB0 19	13.655 1	11.138 6	8.9613 6	7.8907 3	217.99 1	12.151 6	96.026 9	56.422 3	26.047 7	36.865 4	35.735 8	14.464	6.9562 4	7.0692 4	10.296 4	6.8692 9	7.5250 2	6.7123 9	9.1676 9	7.2908 9
MtMYB0 20	111.47 2	72.317 5	102.95 9	104.11 6	312.62 4	144.66 3	180.44 6	146.21 3	94.932 4	84.137 6	65.122 8	55.222 2	276.83 8	379.63 4	254.72 8	178.13 5	314.07 1	240.10 8	171.91 3	396.47 8
MtMYB0 21	9.2358 2	10.090 8	11.737 6	7.7438 7	18.085 9	18.944 6	315.95 1	278.21 4	42.161 3	7.6837 1	9.4071 3	37.239 5	6.8886 9	7.3537 9	6.7315 6	6.7301 1	7.0005 1	7.0324 6	7.9114 4	6.5438 9

Gene	Leaf	Petiole	Buds	Stem	Flower	Pod	Seed10 DAP	Seed12 DAP	Seed16 DAP	Seed20 DAP	Seed24 DAP	Seed36 DAP	Root	DeNod 28DPI	Root0 DPI	Nod4D PI	Nod10 DPI	Nod14 DPI	Nod28 DPI	Nod16 DPIN O3
MtMYB0 23	9.7069 5	8.3074 6	9.5151 9	8.2560 9	15.294 6	14.721 9	580.99 5	564.80 9	781.77 1	1127.6 1	978.05 2	178.96 7	7.2306 7	7.1319 1	7.5308 2	7.8038 1	6.9217 4	7.2926 5	7.9913 2	7.4212 6
MtMYB0 25	7.6643 7	7.5528 6	6.7822 6	7.5598 7	6.9424 5	8.7773 2	7.5726 4	7.8105 6	6.8224 2	8.0234 1	7.2294 7	7.3490 3	7.3519 8	6.6954 4	7.5642 1	6.3985 2	6.9758 8	7.2998 4	7.6129 3	7.1161 3
MtMYB0 41	10.218 2	19.942 5	25.002 8	16.317 1	21.262 4	169.04 8	12.659 13.805	11.091 6	17.327 2	22.277 5	672.39 5	540.08 7	344.06 1	336.05 9	437.81 9	531.67 8	466.95 6	30.351 6	718.24 6	8
MtMYB0 45	85.913 1	74.628 8	324.97 3	80.027 3	199.13 1	175.11 6	829.46 5	384.32 8	95.843 5	82.945 8	58.884 5	52.022 5	7.1231 3	7.7884 5	7.8558 6	13.463 9	10.901 2	9.6322 9	16.779 2	9.5600 9
MtMYB0 46	178.31 7	72.754 2	151.34 1	76.613 7	70.376 1	42.019 6	160.79 129.46	20.479 9	35.975 1	33.616 5	64.592 1	9.9169 1	11.051 8	9.7237 7	8.4680 3	11.832 3	9.2137 9	10.089 5	9.9380 8	1
MtMYB0 47	8.7836 2	13.402 5	19.537 7	17.466 5	23.832 3	73.725 3	17.399 7	13.208 2	13.617 2	11.556 6	9.7148 1	7.5244 4	8.2881 8	8.0729 2	7.9568 7	8.4606 3	6.5825 9	7.1597 5	8.5214 2	7.9313 6
MtMYB0 49	9.5621 9	9.9534 5	10.270 9	9.8387 2	8.4981 3	10.301 4	9.5235 1	9.5221 4	10.050 4	11.632 6	9.8694 2	11.277 1	11.150 5	21.158 6	12.378 8	17.781 5	10.321 6	15.814 2	13.702 9	24.248 6
MtMYB0 50	7.4475 7	6.5806 7	7.1065 9	6.2488 1	6.2396 7	7.3983 3	6.0953 9	8.0931 5	8.0125 6	7.2524 7	7.2049 3	6.8587 6	10.272 2	17.228 2	13.964 1	20.615 7	14.838 4	21.416 7	16.382 5	23.469 8
MtMYB0 51	12.987 6	9.2866 1	11.971 3	9.4497 8	8.8733 8	12.391 6	9.6453 8	9.6421 7	11.319 2	11.383 3	9.8717 3	13.363 2	129.46 9	261.03 3	128.40 9	64.879 2	76.739 5	113.45 113.45	71.566 1	199.49 5
MtMYB0 54	7.2958 7.2958	8.7924 2	31.468 31.468	28.866 2	8.5397 9	50.558 50.558	6.7300 3	6.3257 6.3257	7.6131 7	7.4381 8	6.7345 4	6.7976 5	6.5327 9	7.0370 6	7.1834 5	6.5983 7	8.1903 6	6.7682 8	7.4276 8	7.6470 6
MtMYB0 56	7.7997 1	7.5373 6	6.2631 6.2631	7.3734 6	6.4273 6	6.5226 8	6.3885 6	6.5502 1	8.0287 4	6.6149 6.6149	7.1390 5	7.7931 8	6.7868 7	7.0424 3	7.9057 7.9057	6.7065 1	6.3631 5	6.6177 7	7.4818 6	6.7689 7
MtMYB0 57	15.628 4	54.023 54.023	39.066 7	111.60 1	21.458 1	115.89 2	283.47 2	652.92 4	1172.7 6	634.83 5	397.96 8	33.508 7	296.63 5	306.13 1	495.82 7	88.913 1	20.067 5	29.967 5	15.521 1	89.078 8
MtMYB0 58	16.948 9	437.19 9	75.728 6	404.49 6	193.49 193.49	80.874 8	51.755 8	148.20 3	247.75 3	112.14 1	119.76 4	23.940 2	16.186 3	19.299 7	28.078 7	13.318 1	11.372 1	10.234 7	8.6409 2	12.304 8
MtMYB0 60	6.4879 5	8.9507 5	12.561 12.561	14.381 1	6.8400 7	6.7199 2	6.5336 6.5336	6.6866 6	6.8019 6.8019	6.6719 5	6.5255 2	7.4891 2	9.5317 8	9.5337 9	20.148 2	6.9906 3	7.3581 9	6.4669 4	6.5909 5	7.2515 6
MtMYB0 61	14.301 6	16.227 7	32.310 8	44.900 3	12.434 1	111.39 4	47.925 5	158.86 7	202.09 1	47.403 5	29.101 7	16.626 3	23.964 23.964	39.449 4	36.402 2	17.412 1	12.108 9	12.589 3	15.209 2	11.672 5
MtMYB0 62	17.667 4	24.295 5	29.171 6	26.158 3	13.036 4	25.595 9	64.938 64.938	241.36 4	416.12 6	110.27 2	31.271 6	10.209 10.209	16.029 8	13.623 5	17.220 6	12.443 2	10.251 4	9.2557 7	10.273 8	10.874 4
MtMYB0 65	18.375 1	19.157 5	43.191 9	21.421 4	52.383 1	25.296 9	17.878 17.878	22.972 8	27.420 4	36.006 3	23.102 4	20.938 20.938	252.62 2	364.16 5	213.49 213.49	441.54 4	487.49 3	436.50 2	481.16 9	429.43 429.43
MtMYB0 66	14.216 1	13.921 5	11.118 3	12.84 12.84	9.7191 3	10.689 10.689	8.4620 5	10.275 1	13.372 3	10.972 10.972	11.818 5	15.976 7	92.541 7	71.730 3	43.23 43.23	212.75 9	153.76 6	111.67 5	81.985 8	142.99 7
MtMYB0 69	8.9937 4	8.2042 8	8.2365 5	7.1883 7	8.4921 9	9.5733 1	9.4464 7	9.4931 9.4931	8.3468 3	10.086 5	8.3732 5	10.351 5	175.84 175.84	103.59 2	146.51 146.51	48.903 7	27.158 8	42.363 5	32.047 7	61.456 5

Gene	Leaf	Petiole	Buds	Stem	Flower	Pod	Seed10 DAP	Seed12 DAP	Seed16 DAP	Seed20 DAP	Seed24 DAP	Seed36 DAP	Root	DeNod 28DPI	Root0 DPI	Nod4D PI	Nod10 DPI	Nod14 DPI	Nod28 DPI	Nod16 DPIN O3
MtMYB0 70	9.6711 4	9.1142 7	12.181 2	8.2330 2	8.7533 6	8.3388 3	6.9935 8	8.9908 9	11.655 5	10.293 8	7.8315 5	6.6142 1	262.79 6	214.47 7	213.11	576.02 2	537.06 2	523.96 7	403.25 6	631.81 3
MtMYB0 71	15.074 8	29.192 3	17.546 4	29.702	20.578 9	15.281 8	47.069	22.507 8	18.055 7	22.791 1	26.919 9	18.352 5	322.8	435.86 2	417.75	147.57 3	109.45 3	149.79 8	121.06 1	260.13 4
MtMYB0 73	9.8525 5	9.3637	10.094 2	11.559	11.111 9	12.932 4	16.826 3	16.013 6	22.87	19.223	14.053 1	14.892 3	319.11 2	521.73 9	811.49	589.60 7	252.27 4	296.03 8	131.27 5	316.89 1
MtMYB0 76	10.681 9	11.781 5	11.797 7	10.710 9	12.96	14.962 4	14.212 6	11.363	12.382 1	12.929 1	13.070 7	13.235 3	11.614 1	13.943 1	10.906 7	11.829 1	10.520 9	15.116 8	12.631 4	10.442 2
MtMYB0 77	7.2263 6	6.4643 4	6.2984 5	6.3130 7	7.0178 2	7.8199 3	7.5588 8	7.4569 1	7.9377 3	7.5417 6	8.3469 1	7.8505	6.9780 3	6.9095 6	7.1982 6	6.6991	7.0196 8	8.9941 9	7.0209 8	7.2504 3
MtMYB0 82	6.3881 9	6.9456 9	6.7050 5	6.8501 8	7.0959 1	7.2049	7.5466 7	7.3846 5	7.2491	6.9516 3	6.9214 6	7.1230 1	6.2354 6	6.8484 8	7.7883 7	6.5026 6	6.4093 1	6.9581 6	6.2872 6	6.0158 9
MtMYB0 87	9.5802 5	10.794 2	9.8248 2	11.692	6287.3 4	10.954 7	9.1885 8	10.507 7	10.152 3	12.182 7	11.033 9	10.624 8	9.8976 9	9.9445 5	10.295 2	10.202 2	9.0549	8.8994	9.8552 7	9.9458 2
MtMYB0 88	9.5660 8	7.8577	7.2835 4	7.8059 6	5999.2 7	9.4934 9	7.4685	7.6811 2	7.8979	6.8898 1	8.1099 2	7.2686 6	7.8753 7	7.3525 2	7.5618 1	7.1914 8	7.1824 3	7.4349 4	7.5403 3	7.8611 9
MtMYB0 89	11.930 1	12.111 8	13.343 3	11.362 7	83.024	70.125 7	18.202 8	18.205 5	24.779	84.280 1	200.50 8	427.07 5	123.01 5	103.25 5	21.942 7	65.283 6	122.86 2	140.84 3	29.321 1	534.01 6
MtMYB0 90	10.518 7	9.5296 4	9.9948	11.854 8	7.7704 2	9.2232 4	13.190 4	10.371 9	12.935 6	11.411 3	11.333 1	10.579 1	12.000 1	180.89 3	9.9007 4	18.801 4	19.246	19.251 6	16.151 9	91.945 6
MtMYB0 91	6.8586 6	7.5117 1	6.7474 8	6.7857	14.034 3	7.8908 4	6.9593 9	7.3906 2	7.2400 4	7.5153	7.4814 9	9.7878 8	6.6022 1	6.7008 8	6.9228	7.5701 6	7.2470 9	7.4123 5	7.8195 6	7.3243 8
MtMYB0 92	13.937 1	14.014	15.129 9	13.378 3	45.678 7	15.024 2	15.643 7	20.251 4	26.205 4	60.319 7	65.102 7	60.603 6	35.404 1	65.210 6	49.166 4	57.761 8	135.94 6	93.196	24.624 1	372.17 4
MtMYB0 93	9.2364 1	8.6274 5	10.715	10.209 2	18.844 4	15.248	8.2841 2	8.7894 7	8.5732 2	8.9420 4	9.8226 4	9.9087 6	11.994 5	9.3564	11.583 1	9.7000 5	7.8968 5	9.0157 5	9.0809 6	8.3895 4
MtMYB0 94	11.418 3	11.327	14.634 5	11.670 5	35.668 2	23.123 3	10.156 9	7.2433 1	7.8283 9	10.651 1	27.704 4	72.127 8	7.5619	7.9891 9	8.0218 8	8.7551 2	9.9151 1	8.6284 1	9.4796	7.4212 2
MtMYB0 99	12.760 3	8.8529 1	19.259 8	12.080 8	22.510 7	12.612 4	15.01	15.287 9	26.037 1	45.833 4	90.008 8	17.485 2	34.676 1	12.732 1	13.995	10.291	12.333	13.432 3	13.559 1	10.393 4
MtMYB1 00	90.490 8	78.745	341.41 4	511.27	176.24 4	286.69 9	234.67	77.307 5	22.034 3	37.559	134.30 9	172.58 6	527.00 3	2654.6 2	611.52 6	2008.1 1	1679.1 6	1835.8 8	2612.0 7	2441.0 5
MtMYB1 01	661.67	512.14	668.03 1	792.74 9	1980.0 3	623.37 9	679.19 2	601.19 3	478.68 1	808.15 4	1593.0 5	7100.5	671.41 4	1323.3 9	1070.3 2	1348.1 8	1429.9 5	1560.7 4	1501.2 9	2233.5 8
MtMYB1 02	1309.3 3	1873.6 8	2173.1	3133.7 2	2841.4 4	1296.6 4	1278.9 9	1471.3 6	1197.5 4	1236.6 8	1396.2 5	2892.5 2	2191.7 7	3430.2 4	2050.8 8	2319.3 9	2322.8	1862.8 2	2130.6 2	3248.9 3
MtMYB1 03	23.315 5	23.136 4	40.709	35.199 5	19.763 4	25.601 5	26.681 2	106.08 9	202.10 7	148.67 4	73.532 7	20.109 1	15.360 5	24.546 8	23.568	22.049 6	9.5285 1	14.094 4	17.191 5	15.205 5

Gene	Leaf	Petiole	Buds	Stem	Flower	Pod	Seed10 DAP	Seed12 DAP	Seed16 DAP	Seed20 DAP	Seed24 DAP	Seed36 DAP	Root	DeNod 28DPI	Root0 DPI	Nod4D PI	Nod10 DPI	Nod14 DPI	Nod28 DPI	Nod16 DPIN O3
MtMYB1 05	22.483 5	27.171 5	51.971 1	43.257 8	63.812 8	70.484 7	169.66 7	141.38 1	161.65	133.38 5	134.85 8	191.98 1	70.549 1	80.422 1	41.815 7	53.385 1	95.288	68.601 4	74.846 1	71.712 6
MtMYB1 06	28.883 5	28.051 2	25.745 1	24.945 5	25.287 3	29.900 6	43.644 6	35.938	22.293 5	25.647 6	27.294 9	24.852	113.72 1	466.59 9	483.24 5	492.26 5	88.130 5	195.90 8	351.27 7	132.73 6
MtMYB1 07	311.66 7	274.99 7	1029.0 7	517.11 1	477.47 4	810.46 7	1426.0 8	1473.4 1	1075.8 6	818.00 4	764.89	549.25 4	533.08 6	639.69 8	925.21 6	1096.6 8	478.21 7	563.36 2	502.07 1	514.99 8
MtMYB1 08	9.3743 3	11.457 2	9.1598 9	11.110 4	10.822 5	11.250 7	11.667 9	13.805	11.120 4	9.3353 2	11.029 2	10.291 5	11.490 5	13.414 1	10.473 8	17.527 1	27.451 5	25.960 5	10.962 3	66.001 5
MtMYB1 11	10.000 7	9.6438 2	9.8909 2	8.7624 3	10.746 5	10.411 8	11.062 6	11.072 4	11.713 7	11.632 8	10.460 7	11.485 8	11.183 4	15.374 6	28.552 8	12.891 9	10.819 2	9.7860 1	9.9808 3	11.548 3
MtMYB1 14	20.805 9	42.077 8	25.734 7	71.314 5	17.628 4	30.206 6	15.257 9	12.943 4	13.384 2	19.131 9	17.122 8	17.040 8	25.381 1	31.406 3	41.290 1	25.997 6	17.362 8	20.525 3	21.271 6	18.603 9
MtMYB1 15	7.3359 6	9.4827 2	8.1264 2	8.4091 5	9.3942 9	85.772 3	8.1874 6	9.4209 3	8.4373 7	9.0611 7	8.4663 4	8.3574 2	9.6290 8	10.145 2	11.347 7	8.7202 9	8.6520 9	8.5776 8	8.5936 4	8.0857 6
MtMYB1 16	92.909 1	50.106 7	30.012 4	39.539 8	12.312 4	15.910 8	8.8923 7	9.8126	11.886	8.1256	9.3702	9.4486	29.501 5	62.221 3	49.149 3	53.924 3	16.521 1	21.889 4	17.097 9	30.693 7
MtMYB1 17	7.1992	7.6283 6	7.5240 1	7.1878 8	8.7052 6	6.2271 2	7.0311 4	8.1634 5	7.1037 4	7.6510 2	9.3670 6	8.4291 3	6.7852 6	7.2883 2	7.7662 1	7.187	7.5674	7.2645 2	8.2147 9	7.1914 3
MtMYB1 18	15.753 9	25.204 9	22.471 9	17.133 7	202.66 1	25.997 4	439.02	453.22 5	360.16 4	260.28 3	203.51 8	69.487 3	18.087	24.211 3	33.941 4	16.524 2	16.404 2	17.826 2	20.038 4	20.745 8
MtMYB1 19	18.979 2	29.403 2	37.810 3	27.819 6	17.819 9	20.885 5	38.974 3	43.667 9	10.792 2	8.2556	7.3099 9	8.1274 1	51.349 8	110.30 9	275.51 5	244.34 2	132.75 8	122.32 2	136.38 2	99.102 4
MtMYB1 20	23.998 1	71.080 5	395.46 3	170.28 3	201.98	359.84 4	559.70 6	507.37 8	271.78 2	127.55 6	68.253 6	16.991 6	123.98 5	121.18 4	215.43 9	215.69	38.600 9	81.831 7	73.024 3	53.157 5
MtMYB1 29	214.13 5	789.20 2	372.09 6	541.05 6	110.83	286.20 4	70.045 7	44.723 2	83.923 9	89.143 6	77.358 7	26.448 4	382.97	636.97 8	612.03 7	260.72	121.36 8	135.04 6	107.46	133.99 5
MtMYB1 33	7.458	6.6451 5	6.7779 4	6.6748 3	6.5261 9	7.0767	6.7353 7	6.7802 9	6.6254 4	7.6787 5	8.2210 3	9.1088 3	7.4547 6	7.8110 3	6.9056 6	6.0248 7	7.2578 7	6.6774	6.5555 1	6.7676 4
MtMYB1 41	63.708 6	66.872 7	83.244 2	58.679 3	72.309 2	67.566	59.547 8	43.971 1	50.826 1	63.147 3	51.547 7	90.886 4	81.705 1	69.064 1	29.247 9	44.525 3	60.972 1	39.763 1	53.375 5	60.452 5
MtMYB1 45	11.085 2	9.1597 5	9.9757 1	8.6681 2	14.802	148.03 4	9.8001 3	9.5979 1	9.7138 7	9.6125 1	8.0963 8	7.7499 2	9.6419 3	8.8532 7	9.2582 9	9.4257	11.318 8	8.7842 9	10.117 4	9.2488 6
MtMYB1 49	19.771 5	50.329 8	31.127 4	68.188 7	20.772 5	26.645 6	18.379 3	14.913 7	17.765	14.047 7	16.495 9	13.561 5	29.445 4	43.956 6	42.423 3	22.933 3	14.075 8	15.358 9	15.733 3	13.206 5