Supplementary Material to "Molecular characterization and transcription analysis of DNA methyltransferase genes in tomato (Solanum lycopersicum)"

Table S3 - Putative cis-elements enriched in the promoters of tomato MTases genes.

| Factor or Site Name         | Signal Sequence | SlMET1 | SlCMT2 | SlCMT3 | SlCMT4 | SlDRM5 | SlDRM6 | SlDRM7 | SlDRM8 | SlMETL | Function                      |
|----------------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------------------|
| MYB1AT                     | WAACCA          | 1      | 4      | 2      | 0      | 0      | 2      | 1      | 0      | 1      | dehydration                   |
| MYB2CONSENSUSAT            | YAACKG          | 3      | 3      | 2      | 2      | 1      | 0      | 0      | 3      | 0      | dehydration                   |
| GT1GMSCAM4                 | GAAAAAA         | 1      | 1      | 3      | 2      | 3      | 6      | 3      | 0      | 0      | Salt and pathogen             |
| WBOXNTERF3                 | TGACY           | 5      | 3      | 5      | 5      | 0      | 0      | 2      | 3      | 3      | Wounding                      |
| OSE2ROOTNODULE             | CTCTT           | 7      | 3      | 4      | 1      | 4      | 6      | 1      | 3      | 3      | Wounding                      |
| ACGT element               | ACGT            | 4      | 3      | 9      | 1      | 1      | 3      | 4      | 1      | 2      | dehydration and etiolation    |
| MYCCONSENSUSAT             | CANNTG          | 11     | 10     | 5      | 4      | 9      | 12     | 10     | 5      | 4      | Low temperature               |
| ANAERO2CONSENSUS           | AGCAGC          | 8      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | fruit                         |
| CANBNNAPA                  | CNAACAC         | 3      | 1      | 0      | 0      | 1      | 2      | 1      | 2      | 1      | embryo                        |
| ERELEE4                    | AWTTCAAA        | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 2      | 0      | Ethylene                      |

N=A/T/G/C; W=A/T; Y=T/C.