### Gene Name | Locus and Affy IDs | Reference | *In-situ* mRNA localization | Equivalent anther stage(s) | Microarray profile
--- | --- | --- | --- | --- | ---
**OsC6** | LOC_Os11g37280 Os.52076.1.S1_at | [26] | Strong expression in tapetal cells and weak expression in microspores of anthers at stages 10 and 11 | SCP | ![SCP Graph](chart1.png)

**OsMSP1** | LOC_Os01g68870 Os.23868.1.S1_at | [9] | Inner wall layer of anthers of flower at stage II and PMCs entering into meiotic prophase | PMA-MA | ![PMA-MA Graph](chart2.png)

**OsRAD21-4** | LOC_Os05g50410 Os.33045.1.S1_at | [27] | Highest in premeiotic PMCs and relatively less in meiotic PMCs and tapetal cells | PMA-MA | ![PMA-MA Graph](chart3.png)

**OsMEL1** | LOC_Os03g58600 Os.40026.1.S1_at | [24] | Archesporial cells and sporogenous cells of male reproductive organs | PMA | ![PMA Graph](chart4.png)

**Pair 2** | LOC_Os09g32930 Os.49778.1.S1_at | [28] | Anther in meiosis | MA | ![MA Graph](chart5.png)

**TDR** | LOC_Os02g02820 Os.50000.1.S1_at | [29] | Tapetal, middle layer, and endothecium of the meiosis stage anthers. At the tetrad and young microspore stage, more strongly expressed in the tapetum | MA-SCP | ![MA-SCP Graph](chart6.png)