**Additional file 4. Mantle tissue specific genes of *P. f. martensii***

|  |  |
| --- | --- |
| MP | ME |
| Pma\_146.639 | Pma\_197.476 |
| Pma\_191.168 | Pma\_258.403 |
| Pma\_233.205 | Pma\_368.108 |
| Pma\_522.510 | Pma\_551.448 |
| Pma\_10001008 | Pma\_10000852 |
| Pma\_10001161 | Pma\_10002645 |
| Pma\_10001162 | Pma\_10002951 |
| Pma\_10002287 | Pma\_10002962 |
| Pma\_10002519 | Pma\_10004348 |
| Pma\_10002747 | Pma\_10006975 |
| Pma\_10004648 | Pma\_10009322 |
| Pma\_10005159 | Pma\_10010952 |
| Pma\_10005178 | Pma\_10011380 |
| Pma\_10005329 | Pma\_10012766 |
| Pma\_10006224 | Pma\_10013456 |
| Pma\_10006779 | Pma\_10013743 |
| Pma\_10007160 | Pma\_10014403 |
| Pma\_10007421 | Pma\_10015474 |
| Pma\_10007422 | Pma\_10015908 |
| Pma\_10007794 | Pma\_10016367 |
| Pma\_10007841 | Pma\_10016525 |
| Pma\_10008043 | Pma\_10017931 |
| Pma\_10008044 | Pma\_10018440 |
| Pma\_10008261 | Pma\_10018611 |
| Pma\_10008262 | Pma\_10018655 |
| Pma\_10008951 | Pma\_10018671 |
| Pma\_10011438 | Pma\_10019826 |
| Pma\_10011661 | Pma\_10021628 |
| Pma\_10012960 | Pma\_10021967 |
| Pma\_10013219 | Pma\_10023078 |
| Pma\_10013921 | Pma\_10024252 |
| Pma\_10014348 | Pma\_10026528 |
| Pma\_10014474 | Pma\_10026774 |
| Pma\_10014699 | Pma\_10026883 |
| Pma\_10015641 | Pma\_10027234 |
| Pma\_10015642 | Pma\_10028307 |
| Pma\_10015664 | Pma\_10028332 |
| Pma\_10015665 | Pma\_10029250 |
| Pma\_10016377 | Pma\_10029747 |
| Pma\_10017299 | Pma\_10030155 |
| Pma\_10019560 | Pma\_10030464 |
| Pma\_10021718 | Pma\_10030668 |
| Pma\_10022629 | Pma\_10030750 |
| Pma\_10022630 | Pma\_10032413 |
| Pma\_10023307 | Pma\_10032674 |
| Pma\_10024220 | |
| Pma\_10024855 | |
| Pma\_10024933 | |
| Pma\_10025727 | |
| Pma\_10025915 | |
| Pma\_10026127 | |
| Pma\_10026227 | |
| Pma\_10026678 | |
| Pma\_10027763 | |
| Pma\_10028422 | |
| Pma\_10028517 | |
| Pma\_10028755 | |
| Pma\_10028756 | |
| Pma\_10028757 | |
| Pma\_10028879 | |
| Pma\_10028881 | |
| Pma\_10028883 | |
| Pma\_10029492 | |
| Pma\_10029532 | |
| Pma\_10029740 | |
| Pma\_10031979 | |
| Pma\_10032249 | |
| Pma\_10032252 | |
| Note: mantle pallium(MP), mantle edge (ME) | |