## Additional file 4

| PTP       | Contigs  |
|-----------|--|
| AT1G71860 | thellun_all_c7717  |
|           |  |
| DSP       | Contigs  |
| AT3G09100 | thellun_all_c16852                                       |
| AT3G19420 | thellun_all_c27082; thellun_all_c7957; thellun_all_c8321 |
| AT4G03960 | thellun_all_c17019                                       |
| AT3G62010 | thellun_all_c27894                                       |
| AT1G05000 | thellun_all_rep_c5856                                    |
| AT2G04550 | thellun_all_rep_c40535; thellun_all_rep_c5958            |
| AT2G35680 | thellun_all_c12344; thellun_all_c7887; thellun_all_c8558 |
| AT3G02800 | thellun_all_c13438                                       |
| AT3G06110 | thellun_all_rep_c1481                                    |
| AT3G23610 | thellun_all_c14961                                       |
| AT5G16480 | thellun_all_c36563                                       |
| AT5G23720 | thellun_all_c20615; thellun_all_c33643                   |
| AT5G56610 | thellun_all_c6967  |
| AT3G50110 | thellun_all_c10116; thellun_all_c11894                   |
| AT5G58160 | thellun_all_c41093                                       |
| AT3G52180 | thellun_all_rep_c3791                                    |
| AT3G10940 | thellun_all_rep_c4495                                    |
| AT3G01510 | thellun_all_c19238; thellun_all_c37920                   |