**Table S1.** Strongest STRING interactions of proteins extracted from gametophytes of *Dryopteris* *affinis* and *D. oreades* and classified in the following groups: metabolism of carbohydrates, biosynthesis of amino acids, metabolism of energy and of secondary compounds, transcription and translation, and transport.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **METABOLISM OF CARBOHYDRATES** |
| *AT2G20420* | *AT5G08300* | 0.19 | 0.389 | 0.448 | 0.949 | 0.969 | 0.949 | 0.965 | 0.999 |
| *AT2G20420* | *AT4G26910* | 0.162 | 0 | 0 | 0.916 | 0.526 | 0.974 | 0.714 | 0.999 |
| *AT4G26910* | *AT5G08300* | 0.189 | 0.007 | 0 | 0.926 | 0.374 | 0.972 | 0.637 | 0.999 |
| *At1g01090* | *MAB1* | 0 | 0.69 | 0.447 | 0.903 | 0.942 | 0.934 | 0.817 | 0.999 |
| *At1g59900* | *MAB1* | 0 | 0.454 | 0.448 | 0.903 | 0.942 | 0.934 | 0.823 | 0.999 |
| *PGK1* | *TPI* | 0.19 | 0.517 | 0 | 0.91 | 0.419 | 0.932 | 0.729 | 0.999 |
| *AT1G54220* | *MAB1* | 0.173 | 0.005 | 0.422 | 0.838 | 0.771 | 0.867 | 0.776 | 0.999 |
| **BIOSYNTHESIS OF AMINO ACIDS** |
| *AT3G23940* | *IMS1* | 0.19 | 0 | 0.238 | 0.254 | 0 | 0.973 | 0.803 | 0.997 |
| *IIL1* | *IMD2* | 0.173 | 0.102 | 0.369 | 0.468 | 0.195 | 0.973 | 0.544 | 0.996 |
| *AT1G11860* | *SHM3* | 0.19 | 0 | 0 | 0.336 | 0.692 | 0.932 | 0.563 | 0.994 |
| *IIL1* | *IMS1* | 0.185 | 0 | 0 | 0.455 | 0.214 | 0.973 | 0.43 | 0.993 |
| *ATMS1* | *MTO3* | 0.19 | 0 | 0 | 0.714 | 0.061 | 0.884 | 0.761 | 0.992 |
| **METABOLISM OF ENERGY** |
| *AGT* | *GOX2* | 0 | 0 | 0 | 0.961 | 0.647 | 0.966 | 0.684 | 0.999 |
| *ATPC1* | *ATPE* | 0.19 | 0 | 0 | 0.908 | 0.867 | 0.843 | 0.615 | 0.999 |
| *ATPC1* | *PB* | 0.173 | 0 | 0.432 | 0.901 | 0.905 | 0.896 | 0.612 | 0.999 |
| *ATPE* | *PB* | 0.18 | 0.15 | 0 | 0.985 | 0.646 | 0.837 | 0.966 | 0.999 |
| *ATP1* | *ATPC1* | 0.19 | 0 | 0.395 | 0.903 | 0.846 | 0.834 | 0.673 | 0.999 |
| *PSAA* | *PSAC* | 0 | 0 | 0.33 | 0.503 | 0.995 | 0.8 | 0.977 | 0.999 |
| *ATP1* | *ATPE* | 0.19 | 0 | 0 | 0.906 | 0.736 | 0.843 | 0.916 | 0.999 |
| *ATPA* | *ATPC1* | 0.19 | 0 | 0.421 | 0.903 | 0.919 | 0.834 | 0.647 | 0.999 |
| *ATPA* | *ATPE* | 0.19 | 0 | 0 | 0.931 | 0.736 | 0.843 | 0.922 | 0.999 |
| *PSBO2* | *PSBP-1* | 0 | 0 | 0 | 0.888 | 0.669 | 0.36 | 0.992 | 0.999 |
| *ATPA* | *PB* | 0.173 | 0 | 0.445 | 0.957 | 0.905 | 0.829 | 0.969 | 0.999 |
| *AT5G08680* | *ATPC1* | 0.173 | 0 | 0.427 | 0.901 | 0.818 | 0.829 | 0.587 | 0.999 |
| **METABOLISM OF SECONDARY COMPOUNDS** |
| *4CL3* | *TT5* | 0 | 0 | 0 | 0.843 | 0 | 0 | 0.685 | 0.948 |
| *4CL3* | *PAL1* | 0.08 | 0 | 0 | 0.145 | 0 | 0.745 | 0.763 | 0.946 |
| *4CL3* | *PAL4* | 0.08 | 0 | 0 | 0.041 | 0 | 0.745 | 0.717 | 0.928 |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **METABOLISM OF SECONDARY COMPOUNDS** *(Cont.)* |
| *PAL1* | *PAL4* | 0 | 0 | 0.449 | 0.167 | 0.787 | 0 | 0.911 | 0.819 |
| **TRANSCRIPTION AND TRANSLATION** |
| *AT1G26880* | *AT1G27400* | 0.19 | 0 | 0 | 0.986 | 0.867 | 0.665 | 0.415 | 0.999 |
| *AT1G26880* | *RPL5B* | 0.19 | 0 | 0 | 0.968 | 0.867 | 0.667 | 0.391 | 0.999 |
| *AT1G26880* | *AT4G10450* | 0.19 | 0 | 0 | 0.982 | 0.847 | 0.643 | 0.536 | 0.999 |
| *AT1G26880* | *RPL23AB* | 0.19 | 0 | 0 | 0.986 | 0.867 | 0.665 | 0.848 | 0.999 |
| *AT1G26880* | *AT2G37190* | 0 | 0 | 0 | 0.986 | 0.847 | 0.64 | 0.106 | 0.999 |
| *AT1G26880* | *AT1G77940* | 0 | 0 | 0 | 0.977 | 0.82 | 0.638 | 0.479 | 0.999 |
| *AT1G26880* | *AT2G34480* | 0 | 0 | 0 | 0.982 | 0.82 | 0.639 | 0.327 | 0.999 |
| *AT1G26880* | *AT3G62870* | 0 | 0 | 0 | 0.982 | 0.867 | 0.656 | 0.326 | 0.999 |
| *AT1G26880* | *AT3G05560* | 0 | 0 | 0 | 0.985 | 0.847 | 0.488 | 0.411 | 0.999 |
| *AT1G26880* | *AT2G20450* | 0.182 | 0 | 0 | 0.986 | 0.867 | 0.665 | 0.894 | 0.999 |
| *AT1G26880* | *AT2G37600* | 0 | 0 | 0 | 0.983 | 0.847 | 0.651 | 0.511 | 0.999 |
| *AT1G26880* | *AT4G15000* | 0.182 | 0 | 0 | 0.985 | 0.847 | 0.649 | 0.577 | 0.999 |
| *AT1G26880* | *RPL18* | 0 | 0 | 0 | 0.986 | 0.847 | 0.648 | 0.416 | 0.999 |
| *AT1G26880* | *AT1G41880* | 0 | 0 | 0 | 0.985 | 0.82 | 0.638 | 0.172 | 0.999 |
| *AT1G27400* | *AT1G41880* | 0 | 0 | 0 | 0.985 | 0.853 | 0.661 | 0.393 | 0.999 |
| *AT1G27400* | *RPL18* | 0 | 0 | 0 | 0.986 | 0.867 | 0.673 | 0.494 | 0.999 |
| *AT1G27400* | *AT4G15000* | 0.173 | 0 | 0 | 0.985 | 0.867 | 0.673 | 0.51 | 0.999 |
| *AT1G27400* | *AT2G37600* | 0 | 0 | 0 | 0.98 | 0.867 | 0.673 | 0.155 | 0.999 |
| *AT1G27400* | *AT2G20450* | 0.173 | 0 | 0 | 0.986 | 0.877 | 0.676 | 0.599 | 0.999 |
| *AT1G27400* | *AT3G05560* | 0 | 0 | 0 | 0.985 | 0.867 | 0.673 | 0.516 | 0.999 |
| *AT1G27400* | *AT5G58420* | 0.19 | 0 | 0.385 | 0.986 | 0.867 | 0 | 0.594 | 0.999 |
| *AT1G27400* | *AT3G62870* | 0.161 | 0 | 0 | 0.985 | 0.877 | 0.676 | 0.723 | 0.999 |
| *AT1G27400* | *AT2G34480* | 0 | 0 | 0 | 0.986 | 0.853 | 0.661 | 0.678 | 0.999 |
| *AT1G27400* | *AT2G37190* | 0.178 | 0 | 0.281 | 0.986 | 0.867 | 0.673 | 0.33 | 0.999 |
| *AT1G27400* | *RPL23AB* | 0.185 | 0 | 0.346 | 0.986 | 0.877 | 0.676 | 0.598 | 0.999 |
| *AT1G27400* | *AT4G36130* | 0.171 | 0 | 0.319 | 0.944 | 0.853 | 0.661 | 0.547 | 0.999 |
| *AT1G27400* | *AT4G10450* | 0.181 | 0 | 0.367 | 0.966 | 0.867 | 0.673 | 0.826 | 0.999 |
| *AT1G27400* | *RPL5B* | 0.19 | 0 | 0 | 0.977 | 0.877 | 0.676 | 0.546 | 0.999 |
| *AT1G27400* | *AT3G52580* | 0.181 | 0 | 0.292 | 0.986 | 0.867 | 0.143 | 0.323 | 0.999 |
| *AT1G27400* | *AT3G09630* | 0.175 | 0 | 0.261 | 0.968 | 0.877 | 0.676 | 0.778 | 0.999 |
| *AT1G41880* | *RPL23AB* | 0 | 0 | 0 | 0.986 | 0.853 | 0.661 | 0.247 | 0.999 |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **TRANSCRIPTION AND TRANSLATION** *(Cont.)* |
| *AT1G41880* | *RPL18* | 0 | 0 | 0 | 0.985 | 0.82 | 0.645 | 0.382 | 0.999 |
| *AT1G41880* | *AT4G15000* | 0 | 0 | 0 | 0.985 | 0.82 | 0.645 | 0.584 | 0.999 |
| *AT1G41880* | *AT2G20450* | 0 | 0 | 0 | 0.984 | 0.853 | 0.661 | 0.59 | 0.999 |
| *AT1G41880* | *AT3G05560* | 0 | 0 | 0 | 0.984 | 0.82 | 0.645 | 0.269 | 0.999 |
| *AT1G41880* | *AT3G62870* | 0 | 0 | 0 | 0.981 | 0.853 | 0.661 | 0.479 | 0.999 |
| *AT1G70600* | *RPL5B* | 0.19 | 0 | 0 | 0.934 | 0.867 | 0.673 | 0.654 | 0.999 |
| *AT1G70600* | *AT3G09630* | 0.175 | 0 | 0 | 0.92 | 0.867 | 0.904 | 0.507 | 0.999 |
| *AT1G70600* | *RPL23AB* | 0.185 | 0 | 0 | 0.943 | 0.867 | 0.904 | 0.512 | 0.999 |
| *AT1G70600* | *AT4G36130* | 0.171 | 0 | 0 | 0.94 | 0.82 | 0.896 | 0.584 | 0.999 |
| *AT1G70600* | *AT4G10450* | 0.181 | 0 | 0 | 0.933 | 0.847 | 0.899 | 0.464 | 0.999 |
| *AT1G70600* | *AT5G15200* | 0.185 | 0 | 0 | 0.944 | 0.847 | 0.72 | 0.588 | 0.999 |
| *AT1G70600* | *AT3G05560* | 0 | 0 | 0 | 0.943 | 0.847 | 0.899 | 0.517 | 0.999 |
| *AT1G70600* | *AT3G62870* | 0.065 | 0 | 0 | 0.94 | 0.867 | 0.904 | 0.323 | 0.999 |
| *AT1G70600* | *AT2G34480* | 0 | 0 | 0 | 0.938 | 0.82 | 0.896 | 0.643 | 0.999 |
| *AT1G70600* | *AT4G15000* | 0.173 | 0 | 0 | 0.945 | 0.847 | 0.899 | 0.321 | 0.999 |
| *AT1G77940* | *AT4G15000* | 0 | 0 | 0 | 0.982 | 0.82 | 0.645 | 0.543 | 0.999 |
| *AT1G77940* | *RPL18* | 0.19 | 0 | 0 | 0.982 | 0.82 | 0.645 | 0.508 | 0.999 |
| *AT1G77940* | *AT3G62870* | 0 | 0 | 0 | 0.961 | 0.853 | 0.661 | 0.592 | 0.999 |
| *AT1G77940* | *AT3G05560* | 0 | 0 | 0 | 0.982 | 0.82 | 0.645 | 0.566 | 0.999 |
| *AT1G77940* | *AT2G20450* | 0 | 0 | 0 | 0.974 | 0.853 | 0.661 | 0.507 | 0.999 |
| *AT1G77940* | *RPL23AB* | 0 | 0 | 0 | 0.986 | 0.853 | 0.661 | 0.108 | 0.999 |
| *AT2G09990* | *AT4G34670* | 0 | 0 | 0 | 0.929 | 0.867 | 0.965 | 0.46 | 0.999 |
| *AT2G09990* | *AT4G15000* | 0.142 | 0 | 0 | 0.954 | 0.847 | 0.796 | 0.405 | 0.999 |
| *AT2G09990* | *AT5G28060* | 0 | 0 | 0 | 0.934 | 0.867 | 0.965 | 0.584 | 0.999 |
| *AT2G09990* | *AT3G05560* | 0 | 0 | 0 | 0.951 | 0.847 | 0.829 | 0.586 | 0.999 |
| *AT2G09990* | *AT5G15200* | 0.179 | 0 | 0 | 0.968 | 0.847 | 0.964 | 0.369 | 0.999 |
| *AT2G09990* | *AT4G25740* | 0 | 0 | 0 | 0.937 | 0.847 | 0.964 | 0.416 | 0.999 |
| *AT2G09990* | *AT2G34480* | 0 | 0 | 0 | 0.965 | 0.82 | 0.822 | 0.347 | 0.999 |
| *AT2G09990* | *AT5G58420* | 0 | 0 | 0 | 0.934 | 0.847 | 0.964 | 0.59 | 0.999 |
| *AT2G09990* | *AT3G57490* | 0.142 | 0 | 0 | 0.85 | 0.729 | 0.958 | 0.494 | 0.999 |
| *AT2G09990* | *AT4G10450* | 0.175 | 0 | 0 | 0.93 | 0.847 | 0.821 | 0.494 | 0.999 |
| *AT2G09990* | *AT4G30800* | 0.172 | 0 | 0 | 0.911 | 0.847 | 0.964 | 0.512 | 0.999 |
| *AT2G09990* | *AT5G59240* | 0 | 0 | 0 | 0.908 | 0.867 | 0.965 | 0.613 | 0.999 |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **TRANSCRIPTION AND TRANSLATION** *(Cont.)* |
| *AT2G20450* | *AT4G15000* | 0 | 0 | 0 | 0.986 | 0.867 | 0.673 | 0.601 | 0.999 |
| *AT2G20450* | *AT2G37600* | 0 | 0 | 0 | 0.982 | 0.867 | 0.673 | 0.599 | 0.999 |
| *AT2G20450* | *RPL18* | 0 | 0 | 0 | 0.982 | 0.867 | 0.673 | 0.555 | 0.999 |
| *AT2G20450* | *AT3G05560* | 0 | 0 | 0 | 0.986 | 0.867 | 0.673 | 0.602 | 0.999 |
| *AT2G20450* | *AT5G58420* | 0.176 | 0 | 0 | 0.985 | 0.867 | 0 | 0.464 | 0.999 |
| *AT2G20450* | *AT3G62870* | 0.059 | 0 | 0 | 0.949 | 0.877 | 0.676 | 0.592 | 0.999 |
| *AT2G20450* | *AT2G34480* | 0 | 0 | 0 | 0.967 | 0.853 | 0.661 | 0.591 | 0.999 |
| *AT2G20450* | *AT2G37190* | 0 | 0 | 0 | 0.968 | 0.867 | 0.673 | 0.512 | 0.999 |
| *AT2G20450* | *RPL23AB* | 0.177 | 0 | 0 | 0.986 | 0.877 | 0.676 | 0.835 | 0.999 |
| *AT2G20450* | *AT4G10450* | 0.173 | 0 | 0 | 0.985 | 0.867 | 0.673 | 0.845 | 0.999 |
| *AT2G20450* | *RPL5B* | 0.189 | 0 | 0 | 0.96 | 0.877 | 0.676 | 0.637 | 0.999 |
| *AT2G20450* | *AT3G09630* | 0.142 | 0 | 0 | 0.943 | 0.877 | 0.676 | 0.609 | 0.999 |
| *AT2G34480* | *AT3G05560* | 0 | 0 | 0 | 0.965 | 0.82 | 0.896 | 0.632 | 0.999 |
| *AT2G34480* | *AT5G15200* | 0 | 0 | 0 | 0.985 | 0.82 | 0.72 | 0.059 | 0.999 |
| *AT2G34480* | *AT3G62870* | 0 | 0 | 0 | 0.986 | 0.853 | 0.901 | 0.696 | 0.999 |
| *AT2G34480* | *AT4G34670* | 0 | 0 | 0 | 0.977 | 0.853 | 0.72 | 0.056 | 0.999 |
| *AT2G34480* | *RPL18* | 0 | 0 | 0 | 0.985 | 0.82 | 0.645 | 0.225 | 0.999 |
| *AT2G34480* | *AT4G15000* | 0 | 0 | 0 | 0.985 | 0.82 | 0.896 | 0.244 | 0.999 |
| *AT2G34480* | *AT3G09630* | 0 | 0 | 0 | 0.982 | 0.853 | 0.901 | 0.718 | 0.999 |
| *AT2G34480* | *RPL23AB* | 0 | 0 | 0 | 0.969 | 0.853 | 0.901 | 0.477 | 0.999 |
| *AT2G34480* | *AT2G37190* | 0.182 | 0 | 0 | 0.982 | 0.82 | 0.645 | 0.352 | 0.999 |
| *AT2G34480* | *AT4G10450* | 0 | 0 | 0 | 0.938 | 0.82 | 0.896 | 0.734 | 0.999 |
| *AT2G37190* | *AT4G10450* | 0.178 | 0 | 0.241 | 0.951 | 0.847 | 0.656 | 0.569 | 0.999 |
| *AT2G37190* | *RPL23AB* | 0.182 | 0 | 0.203 | 0.982 | 0.867 | 0.673 | 0.517 | 0.999 |
| *AT2G37190* | *AT3G09630* | 0.172 | 0 | 0 | 0.944 | 0.867 | 0.673 | 0.595 | 0.999 |
| *AT2G37190* | *RPL5B* | 0.19 | 0 | 0 | 0.968 | 0.867 | 0.673 | 0.6 | 0.999 |
| *AT2G37190* | *RPL18* | 0 | 0 | 0 | 0.982 | 0.847 | 0.656 | 0.383 | 0.999 |
| *AT2G37190* | *AT4G15000* | 0 | 0 | 0 | 0.985 | 0.847 | 0.656 | 0.544 | 0.999 |
| *AT2G37190* | *AT3G62870* | 0.059 | 0 | 0 | 0.985 | 0.867 | 0.673 | 0.61 | 0.999 |
| *AT2G37190* | *AT3G05560* | 0 | 0 | 0 | 0.984 | 0.847 | 0.656 | 0.594 | 0.999 |
| *AT2G37190* | *AT5G28060* | 0 | 0 | 0.224 | 0.982 | 0.867 | 0 | 0.564 | 0.999 |
| *AT2G37600* | *RPL23AB* | 0 | 0 | 0 | 0.982 | 0.867 | 0.673 | 0.595 | 0.999 |
| *AT2G37600* | *AT4G10450* | 0 | 0 | 0 | 0.982 | 0.847 | 0.656 | 0.764 | 0.999 |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **TRANSCRIPTION AND TRANSLATION** *(Cont.)* |
| *AT2G37600* | *AT4G15000* | 0 | 0 | 0 | 0.982 | 0.847 | 0.656 | 0.595 | 0.999 |
| *AT2G37600* | *RPL18* | 0 | 0 | 0 | 0.966 | 0.847 | 0.656 | 0.835 | 0.999 |
| *AT2G43030* | *RPS9* | 0.19 | 0 | 0.242 | 0.982 | 0.876 | 0 | 0.544 | 0.999 |
| *AT2G43030* | *AT4G01310* | 0.185 | 0 | 0.311 | 0.986 | 0.898 | 0.424 | 0.287 | 0.999 |
| *AT3G05560* | *AT4G15000* | 0 | 0 | 0 | 0.986 | 0.847 | 0.899 | 0.896 | 0.999 |
| *AT3G05560* | *RPL18* | 0 | 0 | 0 | 0.975 | 0.847 | 0.656 | 0.574 | 0.999 |
| *AT3G05560* | *AT3G62870* | 0 | 0 | 0 | 0.982 | 0.867 | 0.904 | 0.308 | 0.999 |
| *AT3G05560* | *AT5G15200* | 0 | 0 | 0 | 0.976 | 0.847 | 0.72 | 0.596 | 0.999 |
| *AT3G05560* | *AT5G28060* | 0 | 0 | 0 | 0.95 | 0.867 | 0.72 | 0.585 | 0.999 |
| *AT3G05560* | *AT4G10450* | 0 | 0 | 0 | 0.982 | 0.847 | 0.899 | 0.588 | 0.999 |
| *AT3G05560* | *AT4G36130* | 0 | 0 | 0 | 0.938 | 0.82 | 0.896 | 0.33 | 0.999 |
| *AT3G05560* | *RPL23AB* | 0 | 0 | 0 | 0.986 | 0.867 | 0.904 | 0.727 | 0.999 |
| *AT3G05560* | *AT3G09630* | 0 | 0 | 0 | 0.961 | 0.867 | 0.904 | 0.607 | 0.999 |
| *AT3G05560* | *RPL5B* | 0 | 0 | 0 | 0.968 | 0.867 | 0.673 | 0.615 | 0.999 |
| *AT3G09630* | *RPL18* | 0.184 | 0 | 0 | 0.985 | 0.867 | 0.673 | 0.598 | 0.999 |
| *AT3G09630* | *RPL23AB* | 0.179 | 0 | 0.228 | 0.936 | 0.877 | 0.905 | 0.383 | 0.999 |
| *AT3G09630* | *AT4G36130* | 0.121 | 0 | 0.234 | 0.939 | 0.853 | 0.901 | 0.602 | 0.999 |
| *AT3G09630* | *AT4G10450* | 0.175 | 0 | 0.248 | 0.934 | 0.867 | 0.904 | 0.819 | 0.999 |
| *AT3G09630* | *RPL5B* | 0.19 | 0 | 0 | 0.955 | 0.877 | 0.676 | 0.653 | 0.999 |
| *AT3G09630* | *AT4G34670* | 0 | 0 | 0.345 | 0.957 | 0.877 | 0.838 | 0.602 | 0.999 |
| *AT3G09630* | *AT4G15000* | 0.142 | 0 | 0 | 0.95 | 0.867 | 0.904 | 0.509 | 0.999 |
| *AT3G09630* | *AT5G15200* | 0.179 | 0 | 0 | 0.968 | 0.867 | 0.822 | 0.587 | 0.999 |
| *AT3G09630* | *AT5G28060* | 0 | 0 | 0 | 0.925 | 0.877 | 0.838 | 0.516 | 0.999 |
| *AT3G09630* | *AT3G62870* | 0.121 | 0 | 0 | 0.976 | 0.877 | 0.905 | 0.838 | 0.999 |
| *AT3G09630* | *AT5G58420* | 0 | 0 | 0.391 | 0.982 | 0.867 | 0.419 | 0.587 | 0.999 |
| *AT3G52580* | *PFL* | 0.181 | 0 | 0 | 0.979 | 0.774 | 0.638 | 0.517 | 0.999 |
| *AT3G52580* | *RPS20A* | 0.185 | 0 | 0 | 0.984 | 0.82 | 0.642 | 0.585 | 0.999 |
| *AT3G52580* | *AT4G15000* | 0.173 | 0 | 0 | 0.982 | 0.847 | 0.254 | 0.512 | 0.999 |
| *AT3G52580* | *AT5G15200* | 0.185 | 0 | 0 | 0.954 | 0.847 | 0.654 | 0.598 | 0.999 |
| *AT3G52580* | *AT4G25740* | 0 | 0 | 0 | 0.96 | 0.847 | 0.655 | 0.596 | 0.999 |
| *AT3G52580* | *AT5G58420* | 0 | 0 | 0.291 | 0.982 | 0.847 | 0.654 | 0.417 | 0.999 |
| *AT3G52580* | *RPL23AB* | 0.185 | 0 | 0.273 | 0.984 | 0.867 | 0.257 | 0.417 | 0.999 |
| *AT3G57490* | *AT4G34670* | 0 | 0 | 0.304 | 0.912 | 0.785 | 0.962 | 0.355 | 0.999 |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **TRANSCRIPTION AND TRANSLATION** *(Cont.)* |
| *AT3G57490* | *AT5G58420* | 0.182 | 0 | 0.331 | 0.903 | 0.729 | 0.958 | 0.476 | 0.999 |
| *AT3G57490* | *AT4G25740* | 0 | 0 | 0 | 0.859 | 0.729 | 0.958 | 0.496 | 0.999 |
| *AT3G57490* | *AT5G15200* | 0.177 | 0 | 0 | 0.85 | 0.729 | 0.958 | 0.476 | 0.999 |
| *AT3G57490* | *AT5G28060* | 0 | 0 | 0 | 0.908 | 0.785 | 0.962 | 0.518 | 0.999 |
| *AT3G57490* | *AT5G59240* | 0 | 0 | 0 | 0.912 | 0.785 | 0.962 | 0.558 | 0.999 |
| *AT3G57490* | *AT4G30800* | 0.162 | 0 | 0 | 0.893 | 0.729 | 0.958 | 0.489 | 0.999 |
| *AT3G62870* | *RPL18* | 0.149 | 0 | 0 | 0.986 | 0.867 | 0.673 | 0.547 | 0.999 |
| *AT3G62870* | *RPL23AB* | 0.175 | 0 | 0 | 0.973 | 0.877 | 0.905 | 0.326 | 0.999 |
| *AT3G62870* | *AT5G28060* | 0 | 0 | 0 | 0.951 | 0.877 | 0.835 | 0.593 | 0.999 |
| *AT3G62870* | *AT5G15200* | 0.174 | 0 | 0 | 0.984 | 0.867 | 0.821 | 0.163 | 0.999 |
| *AT3G62870* | *AT5G58420* | 0 | 0 | 0 | 0.985 | 0.867 | 0.394 | 0.582 | 0.999 |
| *AT3G62870* | *AT4G34670* | 0 | 0 | 0 | 0.984 | 0.877 | 0.835 | 0.604 | 0.999 |
| *AT3G62870* | *AT4G15000* | 0.059 | 0 | 0 | 0.973 | 0.867 | 0.904 | 0.367 | 0.999 |
| *AT3G62870* | *RPL5B* | 0.131 | 0 | 0 | 0.964 | 0.877 | 0.676 | 0.646 | 0.999 |
| *AT3G62870* | *AT4G10450* | 0.078 | 0 | 0 | 0.941 | 0.867 | 0.904 | 0.644 | 0.999 |
| *AT3G62870* | *AT4G36130* | 0.104 | 0 | 0 | 0.941 | 0.853 | 0.901 | 0.518 | 0.999 |
| *AT4G01310* | *RPS9* | 0.19 | 0 | 0.338 | 0.986 | 0.883 | 0 | 0.755 | 0.999 |
| *AT4G10450* | *RPL23AB* | 0.185 | 0 | 0.351 | 0.985 | 0.867 | 0.904 | 0.49 | 0.999 |
| *AT4G10450* | *AT5G15200* | 0.185 | 0 | 0 | 0.949 | 0.847 | 0.72 | 0.595 | 0.999 |
| *AT4G10450* | *AT5G28060* | 0 | 0 | 0 | 0.955 | 0.867 | 0.72 | 0.568 | 0.999 |
| *AT4G10450* | *AT4G15000* | 0.173 | 0 | 0 | 0.983 | 0.847 | 0.899 | 0.521 | 0.999 |
| *AT4G10450* | *RPL5B* | 0.19 | 0 | 0 | 0.949 | 0.867 | 0.673 | 0.559 | 0.999 |
| *AT4G10450* | *AT4G36130* | 0.171 | 0 | 0.315 | 0.925 | 0.82 | 0.896 | 0.544 | 0.999 |
| *AT4G15000* | *RPL18* | 0 | 0 | 0 | 0.985 | 0.847 | 0.656 | 0.596 | 0.999 |
| *AT4G15000* | *RPL23AB* | 0.177 | 0 | 0 | 0.986 | 0.867 | 0.904 | 0.581 | 0.999 |
| *AT4G15000* | *RPL5B* | 0.189 | 0 | 0 | 0.968 | 0.867 | 0.673 | 0.602 | 0.999 |
| *AT4G15000* | *AT4G36130* | 0.109 | 0 | 0 | 0.937 | 0.82 | 0.896 | 0.414 | 0.999 |
| *AT4G15000* | *AT5G28060* | 0 | 0 | 0 | 0.982 | 0.867 | 0.72 | 0.609 | 0.999 |
| *AT4G15000* | *AT5G15200* | 0.177 | 0 | 0 | 0.983 | 0.847 | 0.72 | 0.515 | 0.999 |
| *AT4G15000* | *AT4G34670* | 0 | 0 | 0 | 0.944 | 0.867 | 0.72 | 0.601 | 0.999 |
| *AT4G25740* | *PFL* | 0 | 0 | 0 | 0.952 | 0.774 | 0.638 | 0.787 | 0.999 |
| *AT4G25740* | *AT4G34670* | 0 | 0 | 0 | 0.928 | 0.867 | 0.965 | 0.613 | 0.999 |
| *AT4G25740* | *AT5G15200* | 0 | 0 | 0 | 0.949 | 0.847 | 0.964 | 0.655 | 0.999 |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **TRANSCRIPTION AND TRANSLATION** *(Cont.)* |
| *AT4G25740* | *AT5G28060* | 0 | 0 | 0 | 0.928 | 0.867 | 0.965 | 0.856 | 0.999 |
| *AT4G25740* | *AT5G58420* | 0 | 0 | 0 | 0.94 | 0.847 | 0.964 | 0.462 | 0.999 |
| *AT4G25740* | *AT4G30800* | 0 | 0 | 0 | 0.926 | 0.847 | 0.964 | 0.592 | 0.999 |
| *AT4G25740* | *AT5G59240* | 0 | 0 | 0 | 0.91 | 0.867 | 0.965 | 0.602 | 0.999 |
| *AT4G30800* | *AT5G59240* | 0 | 0 | 0 | 0.926 | 0.867 | 0.965 | 0.605 | 0.999 |
| *AT4G30800* | *AT5G15200* | 0.182 | 0 | 0.223 | 0.926 | 0.847 | 0.964 | 0.486 | 0.999 |
| *AT4G30800* | *AT5G28060* | 0 | 0 | 0 | 0.92 | 0.867 | 0.965 | 0.6 | 0.999 |
| *AT4G30800* | *AT5G58420* | 0.187 | 0 | 0.321 | 0.939 | 0.847 | 0.964 | 0.349 | 0.999 |
| *AT4G30800* | *AT4G34670* | 0 | 0 | 0 | 0.916 | 0.867 | 0.965 | 0.614 | 0.999 |
| *AT4G34670* | *RPL23AB* | 0 | 0 | 0.239 | 0.934 | 0.877 | 0.72 | 0.544 | 0.999 |
| *AT4G34670* | *AT5G58420* | 0 | 0 | 0.375 | 0.959 | 0.867 | 0.965 | 0.545 | 0.999 |
| *AT4G34670* | *AT5G28060* | 0.059 | 0 | 0 | 0.947 | 0.877 | 0.966 | 0.602 | 0.999 |
| *AT4G34670* | *AT5G15200* | 0 | 0 | 0 | 0.968 | 0.867 | 0.965 | 0.592 | 0.999 |
| *AT4G34670* | *AT5G59240* | 0 | 0 | 0.223 | 0.907 | 0.877 | 0.966 | 0.661 | 0.999 |
| *AT4G36130* | *RPL23AB* | 0.175 | 0 | 0.281 | 0.931 | 0.853 | 0.901 | 0.497 | 0.999 |
| *AT5G15200* | *PFL* | 0.185 | 0 | 0 | 0.979 | 0.774 | 0.638 | 0.507 | 0.999 |
| *AT5G15200* | *RPL18* | 0.19 | 0 | 0 | 0.986 | 0.847 | 0 | 0.547 | 0.999 |
| *AT5G15200* | *AT5G28060* | 0 | 0 | 0 | 0.955 | 0.867 | 0.965 | 0.155 | 0.999 |
| *AT5G15200* | *AT5G58420* | 0 | 0 | 0 | 0.963 | 0.847 | 0.964 | 0.68 | 0.999 |
| *AT5G15200* | *AT5G59240* | 0 | 0 | 0 | 0.908 | 0.867 | 0.965 | 0.589 | 0.999 |
| *AT5G28060* | *PFL* | 0 | 0 | 0 | 0.982 | 0.841 | 0.652 | 0.589 | 0.999 |
| *AT5G28060* | *RPS20A* | 0 | 0 | 0 | 0.968 | 0.853 | 0.661 | 0.592 | 0.999 |
| *AT5G28060* | *RPL23AB* | 0 | 0 | 0 | 0.972 | 0.877 | 0.72 | 0.712 | 0.999 |
| *AT5G28060* | *AT5G58420* | 0 | 0 | 0 | 0.962 | 0.867 | 0.965 | 0.509 | 0.999 |
| *AT5G28060* | *AT5G59240* | 0 | 0 | 0 | 0.906 | 0.877 | 0.966 | 0.668 | 0.999 |
| *AT5G58420* | *PFL* | 0 | 0 | 0 | 0.983 | 0.774 | 0.638 | 0.677 | 0.999 |
| *AT5G58420* | *RPL23AB* | 0.19 | 0 | 0.309 | 0.986 | 0.867 | 0 | 0.417 | 0.999 |
| *AT5G58420* | *AT5G59240* | 0 | 0 | 0.257 | 0.919 | 0.867 | 0.965 | 0.59 | 0.999 |
| *PFL* | *RPL23AB* | 0.185 | 0 | 0 | 0.984 | 0.841 | 0 | 0.691 | 0.999 |
| *RPL18* | *RPL23AB* | 0 | 0 | 0 | 0.983 | 0.867 | 0.673 | 0.355 | 0.999 |
| *RPL18* | *RPL5B* | 0 | 0 | 0 | 0.982 | 0.867 | 0.673 | 0.597 | 0.999 |
| *RPL23AB* | *RPL5B* | 0.19 | 0 | 0 | 0.968 | 0.877 | 0.676 | 0.629 | 0.999 |
|  |  |  |  |  |  |  |  |  |  |
| **Node 1** | **Node 2** | **Neighborhood** | **Gene fusion** | **Co-occurrence** | **Co-expression** | **Experiments** | **Database** | **Textmining** | **Score** |
| **TRANSPORT** |
| *AT1G62020* | *AT5G05010* | 0 | 0 | 0 | 0.921 | 0.969 | 0.846 | 0.73 | 0.999 |
| *AT1G62020* | *AT4G34450* | 0 | 0 | 0 | 0.928 | 0.874 | 0.844 | 0.671 | 0.999 |
| *AT4G34450* | *AT5G05010* | 0 | 0 | 0 | 0.922 | 0.886 | 0.846 | 0.73 | 0.999 |