

Table S4. Meanings of R and p for equations of the dependencies of investigated indexes of callus cultures at control conditions*

| control branches | | | | | | | | | | | |
|------------------|-----|--------------------------------------|------------|------------|------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------|------------|
| | CGR | WC | VCC | LP | CAT | POD | HP | SA | DHN 72 | DHN 38 | DHN 27 |
| CGR | - | 0,070723 | 0,769728 | 0,555868 | -0,00494 | 0,084357 | -0,45216 | -0,68143 | | | |
| WC | | - | 0,19186847 | -0,7041438 | 0,59421216 | <u>R=-0,915481</u> <u>p=0.037</u> | <u>R=-0,81490</u> <u>p=0.037</u> | -0,7266804 | | | |
| VCC | | | - | 0,48751596 | 0,54010078 | 0,13670652 | -0,7163715 | -0,4756398 | | | |
| LP | | | | - | -0,1735147 | -0,5530874 | 0,24379273 | 0,15035385 | | | |
| CAT | | | | | - | 0,60058026 | <u>R=-0,75241</u> <u>p=0.037</u> | -0,2771041 | | | |
| POD | | | | | | - | -0,6893166 | -0,7538669 | | | |
| HP | | | | | | | - | 0,73609223 | | | |
| SA | | | | | | | | - | | | |
| DHN 72 | | | | | | | | | - | | |
| DHN 38 | | | | | | | | | | - | |
| DHN 27 | | | | | | | | | | | - |
| control buds | | | | | | | | | | | |
| CGR | - | <u>R=0,857577</u> <u>p=0.0048</u> | 0,101187 | -0,38191 | -0,2104 | 0,05628 | -0,4842 | -0,20301 | 0,127697 | 0,286769 | 0,363346 |
| WC | | - | 0,38079407 | -0,6568651 | 0,22052950 | 0,42816098 | -0,7546450 | -0,4739952 | 0,46510715 | 0,38148522 | 0,13418043 |
| VCC | | | - | -0,1018598 | 0,48297985 | <u>0,92271044</u> | -0,1840625 | <u>R=-0,92512</u> <u>p=0.037</u> | -0,1695239 | -0,5640061 | -0,6082471 |
| LP | | | | - | -0,7158306 | -0,4268174 | <u>R=0,989915</u> <u>p=0.016</u> | -0,0068011 | <u>R=-0,72773</u> <u>p=0.037</u> | -0,6836950 | -0,4919760 |
| CAT | | | | | - | 0,77539651 | -0,6789629 | -0,2540328 | 0,43181165 | 0,14895221 | 0,00629413 |
| POD | | | | | | - | -0,4747134 | -0,7665406 | 0,07244313 | -0,3101707 | -0,3771795 |
| HP | | | | | | | - | 0,09949019 | <u>R=-0,70449</u> <u>p=0.037</u> | -0,6428172 | -0,4403913 |
| SA | | | | | | | | - | 0,05100593 | 0,47123243 | 0,75096707 |
| DHN 72 | | | | | | | | | - | | |
| DHN 38 | | | | | | | | | | - | |
| DHN 27 | | | | | | | | | | | - |

* Underlined data mean that equations adequately described dependences of indexes and were significant at $p < 0.05$. Red color means strong dependences